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# DIGITAL RECORDER

## RS-232C COMMUNICATION CAPACITY

### OPERATION MANUAL

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#### MODEL

# DX-TL5000E series

# DX-TL5000U series

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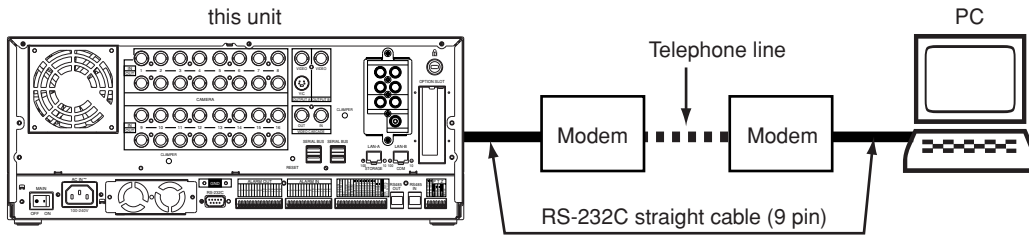
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# Connecting to a personal computer

This unit can be remotely controlled from a PC connected via a RS-232C connector.

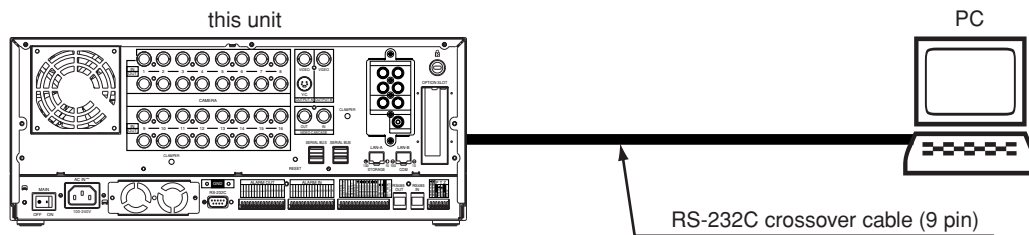
## ■ Connection via a modem

Please use RS-232C straight cable (9 pin) to connect a modem with this unit. The setting of CTS should be set to "HIGH" or "ON". Please refer to the instruction manual of a modem for the details about setting.

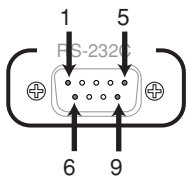


## ■ Direct connection

Please use RS-232C crossover cable (9 pin) to connect this unit with a personal computer. The pin layout of the RS-232C connector varies depending on the personal computer connected. Check the pin layout and use the proper crossover cable for the personal computer used.



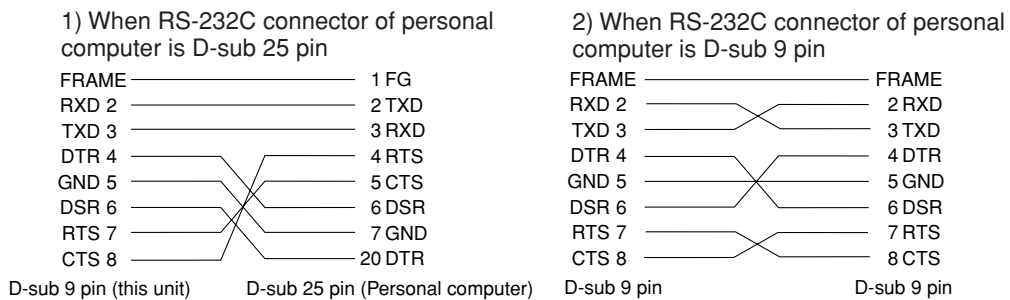
## ■ RS-232C connector



Pin No.	Letters	Transmission Contents	Pin No.	Letters	Transmission Contents
2	RXD	Receiving Data	6	DSR	Data Set Ready
3	TXD	Transmission Data	7	RTS	Request To Send
4	DTR	Data Terminal Ready	8	CTS	Clear To Send
5	GND	Signal Ground			

## ■ RS-232C cable

Please use the following RS-232C crossover cable when connecting the RS-232C connector of the personal computer and that of this unit.



# About command code table

## ■ RS-232C settings

Settings related to communication of this unit are made in the <System Menu> → <COM/LAN> → <RS-232C Setting>. Make the same settings as the connected modem or PC connected.

ⓘ When remotely controlling this unit from a PC, set “Communication Mode” in the <RS-232C Setting> to “Remote A,” “Remote B,” or “Remote C.”

“Remote A” : Every status information is returned from the unit.

“Remote B” : Status information for the command is returned from the unit.

“Remote C” : Status information is not returned from the unit.

Available settings on the unit

Synchronization	Name on Menu	Asynchronous
1 Transmission rate for receiving/sending data	Transmission Mode	1200/2400/4800/9600/19200
2 Data bit length	Data Bit Length	8 bit/7 bit
3 Parity bit setting	Parity Bit	None/Odd/Even
4 Stop bit length	Stop Bit Length	1 bit/2 bit
5 Line feed setting	Delimiter	CR/CR•LF

Make the following settings on the PC

Synchronization	Screen display
1 X control	Not available
2 S parameter	Not available
3 CS-RS hand-shake	Available

## ■ Command code system

2 types of command codes of [direct operation specification] and [quasi-front panel operation] can be selected according to the purpose of the unit operation.

## ■ Description of command code systems

### ◆ Direct operation specification

This system controls or sets the unit by confirming the status from the unit such as execution or error which is responded to the command from the personal computer. This command type is constructed by the “operation setting commands” which sets operations, “menu setting commands” which directly sets various menus, and “status check commands” which checks the operational status of the unit.

#### • Input format

In case of “operation setting commands” and “status check commands,” send the command to the unit for each operation such as power on/off, record, playback, etc.

In case of “menu setting commands,” specify the setting item for each menu setting of the unit.

As a general rule, do not send commands continuously, but send the next command after checking that the present command has been executed and completed.

#### • Response format

After sending a command, the following items can be checked by the status returned from the unit.

- 1) Command execution result, error type, command name, and operation status.
- 2) For operation setting commands, the operational mode of the unit can be distinguished by the mode number of the returned status.

Distinction cannot be made for menu setting type commands. (Mode number is notified only when the status is changed.)

Example) Turning on the power of the Unit.

Command from PC	Replied status code from unit to PC	Meaning
PW1 #1		Indicates POWER ON command has been sent.
	RC #2	Indicates that the unit has received a command.
	EX,00PW1,04 #2	EX : Indicates that a command has been executed. 00 : Indicates that the execution was successful. (Error type) PW1 : Indicates response to POWER ON command. 04 : Indicates POWER ON status.

ⓘ When the unit cannot execute the operation setting command or menu setting command sent from a PC, the error type which shows the content of the error is returned from the unit. Check the error code and take appropriate measures.

ⓘ For operation setting commands such as recording, playback, etc., the interval between command transmission and the actual operation (command execution) may take some time. To prevent the gap between operation and actual execution, read the status after sending the command and check the actual operational transition, and then send the next command.

ⓘ While displaying the menu screen, you cannot change the menu setting by using menu setting command form.

## About command code table (continued)

### ◆ Quasi-front panel operation command type

This system specifies operations from a PC as if operating the actual operation panel of the unit while viewing the output picture. Each command is corresponded to the operation button of the unit.

#### • Input confirmation format

Send commands as if operate the buttons, JOG dial and SHUTTLE ring on the operation panel. As a general rule, do not send commands continuously, but send the next command after checking that the present command has been executed and completed. After sending a command, the command execution result, error type, and command name can be checked by the status returned from the unit. To check the actual execution, view the output screen of the unit on the monitor screen.

Example) Playing back the recorded data in still frame playback.

Command from PC	Replied status code from unit to PC	Meaning
KKP0 #1		Indicates that a command equivalent to “press the POWER button” was sent.
	RC #2	Indicates that the unit has received a command.
	EX,00KKP0 #2	EX : Indicates that a command has been executed. 00 : Indicates that the execution was successful. (Error type) KKP0 : Indicates that the POWER button was operated.
KKB1 #1		Indicates that a command equivalent to “press the PLAY button” was sent.
	RC #2	Indicates that the unit has received a command.
	EX,00KKB1 #2	EX : Indicates that a command has been executed. 00 : Indicates that the execution was successful. (Error type) KKB1 : Indicates that the PLAY button was operated.
KKB4 #1		Indicates that a command equivalent to “press the PAUSE button” was sent.
	RC #2	Indicates that the unit has received a command.
	EX,00KKB4 #2	EX : Indicates that a command has been executed. 00 : Indicates that the execution was successful. (Error type) KKB4 : Indicates that the PAUSE button was operated.

ⓘ When using shuttle operation commands, be sure to send the shuttle center command after sending the operation command. Otherwise, the shuttle operation will be kept until the shuttle center command is sent.

ⓘ For control type commands such as recording, playback, etc., the interval between command transmission and the actual operation (command execution) may take some time. To prevent the gap between operation and actual execution, read the status after sending the command and check the actual operational transition, and then send the next command.

### ◆ Status condition change information function

Example) Notifying the status of the fan (stop of the fan).

Replied status code from unit to PC	Meaning
NTFY04,00050321140000 192168000100 #2	NTFY :Indicates the status condition change notification. 04 :Indicates the status of the fan. 00 :Indicates that the fan is stopped. 050321140000 :Indicates the occurrence time and date (year/month/day/hour/minute/second). 192168000100 :Indicates the IP address of the unit.

When you set “Communication Mode” in the <RS-232C Setting> to “Remote A,” every status information is returned from the unit. When “Remote B” is set, status information for the command is returned from the unit. When “Remote C” is set, status information is not returned from the unit.

### ◆ Command receipt confirmation function

After executing a received command, the error type for command execution is notified after the execution status, “EX.”

Error type	Error description
00	Normal
01	Execution Error
02	Execution Unable Error
03	Incorrect command
04	Incorrect parameter

Error type	Error description
05	Excuting the command
06	Not corresponding

# Command code table

Detail of the numbers:

#1 : When “Delimiter” in the <RS-232C Setting> is set to “CR,” carriage return code (0DH) is input. When “Delimiter” is set to “CR•LF,” carriage return code (0DH) and line feed code (0AH) are input.

#2 : When “Delimiter” in the <RS-232C Setting> is set to “CR,” carriage return code (0DH) is output. When “Delimiter” is set to “CR•LF,” carriage return code (0DH) and line feed code (0AH) are output.

\* : Indicates one number or character.

## ◆ RS-232C [Direct operation specification] operation setting command form (1/7)

Command name	Command	Status	Note
Power	PW*(1) #1	RC #2 EX,**(2)PW*(1),*(3) #2	*(1):Power on/off 0:Off 1:On **(2):Error type (Refer to page 4.) *(3):System mode number 00:Power off 02:Waiting for starting codec task 03:Waiting for starting system 04:Power on (device operation) 05:Waiting for ending system 06:Waiting for ending codec task 10:Setup Wizard 11:Waiting for starting Setup Wizard 12:Waiting for completing Setup Wizard 14:NET-D 15:Simple NET-D 32:Power On (stop) 33:Waiting for starting device operation 34:Waiting for ending device operation 38:Abnormal system mode 39:Waiting for response of communication confirmation 3A:Waiting for notification of enabled connection
Record	RC*(1) #1	RC #2 EX,**(2)RC*(1),*(3) #2	*(1):Recording/Stop of recording 0:Stop 1:Recording **(2):Error type (Refer to page 4.) *(3):Recording mode number 00:Stop of recording 01:Waiting for stopping 02:Execution (Recording) 03:Waiting for carrying out recording 04:Changing setting 05:Waiting for stopping recording due to setting change 06:Setting change during recording
Playback	PB00,**(1)**(2) *(3) #1	RC #2 EX,**(4)PB00,**(1)**(2)**(3), *(5) #2	*(1):Output port of playback picture 00:Output A 01:Output B *(2):Playback command 00:Stop 01:Pause 02:Playback 03:Frame-by-frame playback 04:Fast forward 1 05:Fast forward 2 06:Fast forward 3 07:Fast forward 4 08:High-speed fast forward *(3):Playback direction 00:Forward 01:Reverse *(4):Error type (Refer to page 4.) *(5):Playback mode number 00:Stop of playback 03:Forward playback (single screen) 04:Reverse playback (single screen) 05:Pause of forward playback (single screen) 06:Pause of reverse playback (single screen) 07:Forward search (single screen) 08:Reverse search (single screen) 09:High speed forward search (single screen) 0a:High speed reverse search (single screen) 0b:Forward playback (split screen) 0c:Reverse playback (split screen) 0d:Pause of forward playback (split screen) 0e:Pause of reverse playback (split screen) 0f:Forward search (split screen) 10:Reverse search (split screen) 11:High speed forward search (split screen) 12:High speed reverse search (split screen) 13:Forward playback (zoom) 14:Reverse playback (zoom) 15:Pause of forward playback (zoom) 16:Pause of reverse playback (zoom) 17:Forward search (zoom) 18:Reverse search (zoom) 19:High speed forward search (zoom) 1a:High speed reverse search (zoom) 1c:Playback error
Acquire information of recording start/end point	IF00,**(1)**(2) *(3) #1	RC #2 EX,**(4)IF00,**(1)**(2)**(3), *(5)**(6)**(7)**(8)**(9)**(10) *(11)**(12)**(13)**(14)**(15) *(16)**(17) #2	*(1):Device including the data to be acquired 01:Main 02:Copy 1 03:Copy 2 *(2):Group including the data to be acquired <For Main> 01:Normal 02:Alarm 03:LPA <For Copy 1> 00:SerialBus 01:NAS 02:SCSI 03:DVD/CD 04:USB Memory <For Copy 2> 00:SerialBus 01:NAS 02:SCSI 03:DVD/CD 05:Internal *(3):Output port 00:Output A *(4):Error type (Refer to page 4.) *(5):Start year(01-37) *(6):Start month(01-12) *(7):Start day(01-31) *(8):Start hour(00-23) *(9):Start minute(00-59) *(10):Start second(00-59) *(11):End year(01-37) *(12):End month(01-12) *(13):End day(01-31) *(14):End hour(00-23) *(15):End minute(00-59) *(16):End second(00-59) *(17):Data error type 00:No error 10:No device 11:No medium 20:No data 99:Other errors



















# Command code table (continued)

## ◆ RS-232C [Direct operation specification] operation setting command form (2/7)

Command name	Command	Status	Note
Display	SW,★★ <sup>(1)</sup> ★★★ <sup>(2)</sup> [F1]	RC [E2] EX,★★ <sup>(3)</sup> SW,★★ <sup>(1)</sup> ★★★ <sup>(2)</sup> , ★★ <sup>(4)</sup> [E2]	★★ <sup>(1)</sup> :Output port 00:Output A 01:Output B ★★★ <sup>(2)</sup> :Switcher command 0100:Single screen sequential 0101:CH1 0102:CH2 0103:CH3 0104:CH4 0105:CH5 0106:CH6 0107:CH7 0108:CH8 0109:CH9 0110:CH10 0111:CH11 0112:CH12 0113:CH13 0114:CH14 0115:CH15 0116:CH16 0180:Zoom cancel 0181:Zoom (X 1) 0182:Zoom (X 2) 0184:Zoom (X 4) 0191:Zoom (move upward) 0192:Zoom (move downward) 0193:Zoom (move rightward) 0194:Zoom (move leftward) 0400:Split 4 sequential 0401:4a 0402:4b 0403:4c 0404:4d 0900:Split 9 sequential 0901:9a 0902:9b 1000:Split 10 sequential 1001:10a 1002:10b 1300:Split 13 sequential 1301:13a 1302:13b 1601:Split 16 ★★ <sup>(3)</sup> :Error type (Refer to page 4.) <During playback:> ★★ <sup>(4)</sup> :When the recorder is in playback mode, refer to playback mode number. When the recorder is in the mode other than playback, refer to display mode number. For playback mode number, refer to Playback command. <During the mode other than playback:> ★★ <sup>(4)</sup> :Display mode number 00:Stop 03:Single screen 04:Split screen 05:Zoom 07:End
Timer	TM★★ <sup>(1)</sup> [F1]	RC [E2] EX,★★ <sup>(2)</sup> TM★★ <sup>(1)</sup> ,★★ <sup>(3)</sup> [E2]	★★ <sup>(1)</sup> :Timer On/Off 0:Timer Off 1:Timer On ★★ <sup>(2)</sup> :Error type (Refer to page 4.) ★★ <sup>(3)</sup> :Timer mode number 00:Timer Off 01:Timer On 02:Timer error
Prevent alarm input	AD★★ <sup>(1)</sup> [F1]	RC [E2] EX,★★ <sup>(2)</sup> AD★★ <sup>(1)</sup> ,★★ <sup>(3)</sup> [E2]	★★ <sup>(1)</sup> :Alarm input prevention 0:Alarm input enabled 1:Alarm input disabled ★★ <sup>(2)</sup> :Error type (Refer to page 4.) ★★ <sup>(3)</sup> :Alarm input prevention mode number 00:Alarm input enabled 01:Alarm input disabled
PTZ control	PTZ★★ <sup>(1)</sup> ★★ <sup>(2)</sup> [F1]	RC [E2] EX,★★ <sup>(3)</sup> PTZ★★ <sup>(1)</sup> ★★ <sup>(2)</sup> [E2]	★★ <sup>(1)</sup> :PTZ command number 10:Pan - Right 14:Pan - Left 18:Tilt - Up 1C:Tilt - Down 20:Zoom - Tele 24:Zoom - Wide 28:Focus - Near 2C:Focus - Far 30:Iris - Open 34:Iris - Close 38:Stop 40:Memorize preset 1 41:Memorize preset 2 42:Memorize preset 3 43:Memorize preset 4 44:Memorize preset 5 45:Memorize preset 6 46:Memorize preset 7 47:Memorize preset 8 48:Memorize preset 9 49:Memorize preset 10 4A:Memorize preset 11 4B:Memorize preset 12 4C:Memorize preset 13 4D:Memorize preset 14 4E:Memorize preset 15 4F:Memorize preset 16 50:Move preset 1 51:Move preset 2 52:Move preset 3 53:Move preset 4 54:Move preset 5 55:Move preset 6 56:Move preset 7 57:Move preset 8 58:Move preset 9 59:Move preset 10 5A:Move preset 11 5B:Move preset 12 5C:Move preset 13 5D:Move preset 14 5E:Move preset 15 5F:Move preset 16 ★★ <sup>(2)</sup> :Camera number 00:CH1 01:CH2 02:CH3 03:CH4 04:CH5 05:CH6 06:CH7 07:CH8 08:CH9 09:CH10 10:CH11 11:CH12 12:CH13 13:CH14 14:CH15 15:CH16 ★★ <sup>(3)</sup> :Error type (Refer to page 4.)

## Command code table (continued)

### ◆ RS-232C [Direct operation specification] operation setting command form (3/7)

Command name	Command	Status	Note
Start copy	CP1,★★ <sup>(1)</sup> ★★ <sup>(2)</sup> ★★ <sup>(3)</sup> 	RC  EX,★★ <sup>(4)</sup> CP1,★★ <sup>(1)</sup> ★★ <sup>(2)</sup> ★★ <sup>(3)</sup> , ★★ <sup>(5)</sup> 	★★ <sup>(1)</sup> :Copy destination device 00:Copy 1                    01:Copy 2 ★★ <sup>(2)</sup> :Copy destination group 00:SerialBus                01:NAS                        02:SCSI 03:DVD/CD                    04:USB Memory (for copy 1 only) 05:Internal (for copy 2 only) ★★ <sup>(3)</sup> :Copy source area 01:Normal                    02:Alarm                        03:LPA ★★ <sup>(4)</sup> :Error type (Refer to page 4.) ★★ <sup>(5)</sup> :Copy mode number 00:Stop                        02:Execute                        04:Copy error
Stop copy	CP0,★★ <sup>(1)</sup> 	RC  EX,★★ <sup>(2)</sup> CP0,★★ <sup>(1)</sup> ,★★ <sup>(3)</sup> 	★★ <sup>(1)</sup> :Copy device 00:Copy 1                    01:Copy 2 ★★ <sup>(2)</sup> :Error type (Refer to page 4.) ★★ <sup>(3)</sup> :Copy mode number 00:Stop                        02:Execute                        04:Copy error
Start copy (Internal HDD supported)	CP6,★★ <sup>(1)</sup> ★★ <sup>(2)</sup> ★★ <sup>(3)</sup> ★★ <sup>(4)</sup> 	RC  EX,★★ <sup>(5)</sup> CP6,★★ <sup>(1)</sup> ★★ <sup>(2)</sup> ★★ <sup>(3)</sup> , ★★ <sup>(6)</sup> ★★ <sup>(7)</sup> 	★★ <sup>(1)</sup> :Copy destination device 00:Copy 1                    01:Copy 2 ★★ <sup>(2)</sup> :Copy destination group 00:SerialBus                01:NAS                        02:SCSI 03:DVD/CD                    04:USB Memory (for copy 1 only) 05:Internal (for copy 2 only) ★★ <sup>(3)</sup> :Copy source device 01:Main                        03:Copy 2 ★★ <sup>(4)</sup> :Copy source area <For Main> 01:Normal                    02:Alarm                        03:LPA <For Copy 2> 00:SerialBus                01:NAS                        02:SCSI 03:DVD/CD                    05:Internal ★★ <sup>(5)</sup> :Error type (Refer to page 4.) ★★ <sup>(6)</sup> :Copy mode number 00:Stop                        02:Execute                        04:Copy error ★★ <sup>(7)</sup> :Data error type 00:No error                    10:No device                    11:No medium 20:No data                    30:Improper range                32:Size error 99:Other errors
Copy 2 Reset start point	BPR,★★ <sup>(1)</sup> 	RC  EX,★★ <sup>(2)</sup> BPR★★ <sup>(1)</sup> ,★★ <sup>(3)</sup> 	★★ <sup>(1)</sup> :Copy source area 01:Normal                    02:Alarm                        03:LPA ★★ <sup>(2)</sup> :Error type (Refer to page 4.) ★★ <sup>(3)</sup> :Copy 2 start point reset mode number 00:Stop                        02:Reset error
Start restore	RP1,★★ <sup>(1)</sup> ★★ <sup>(2)</sup> ★★ <sup>(3)</sup> 	RC  EX,★★ <sup>(4)</sup> RP1,★★ <sup>(1)</sup> ★★ <sup>(2)</sup> ★★ <sup>(3)</sup> , ★★ <sup>(5)</sup> 	★★ <sup>(1)</sup> :Restore source device 00:Copy 1                    01:Copy 2 ★★ <sup>(2)</sup> :Restore source group 00:SerialBus                01:NAS                        02:SCSI 03:DVD/CD                    04:USB Memory (for copy 1 only) 05:Internal (for copy 2 only) ★★ <sup>(3)</sup> :Restore destination area 01:Normal                    02:Alarm                        03:LPA ★★ <sup>(4)</sup> :Error type (Refer to page 4.) ★★ <sup>(5)</sup> :Restore mode number 00:Stop                        02:Execute                        04:Restore error
Stop restore	RP0,★★ <sup>(1)</sup> 	RC  EX,★★ <sup>(2)</sup> RP0,★★ <sup>(1)</sup> ,★★ <sup>(3)</sup> 	★★ <sup>(1)</sup> :Restore source device 00:Copy 1                    01:Copy 2 ★★ <sup>(2)</sup> :Error type (Refer to page 4.) ★★ <sup>(3)</sup> :Restore mode number 00:Stop                        02:Execute                        04:Restore error

# Command code table (continued)

## ◆ RS-232C [Direct operation specification] operation setting command form (4/7)

Command name	Command	Status	Note
Clear warning display	WC★ <sup>(1)</sup> #1	RC #2 EX,★★ <sup>(2)</sup> WC★ <sup>(1)</sup> ,★★ <sup>(3)</sup> #2	★ <sup>(1)</sup> :Clearing warning display command 0:Clear ★★ <sup>(2)</sup> :Error type (Refer to page 4.) ★★ <sup>(3)</sup> :System mode number (Refer to Power command)
Load/save menu data	MC,★ <sup>(1)</sup> ★★ <sup>(2)</sup> ★★ <sup>(3)</sup> #1	RC #2 EX,★★ <sup>(4)</sup> MC,★ <sup>(1)</sup> ★★ <sup>(2)</sup> ★★ <sup>(3)</sup> , ★★ <sup>(5)</sup> ★★ <sup>(6)</sup> #2	★ <sup>(1)</sup> :Menu loading/saving command 1:Load 2:Save ★★ <sup>(2)</sup> :Device to be loaded/saved 02:Copy 1 03:Copy 2 ★★ <sup>(3)</sup> :Device group to be loaded/saved <For Copy 1> 03:DVD/CD 04:USB Memory <For Copy 2> 03:DVD/CD ★★ <sup>(4)</sup> :Error type (Refer to page 4.) ★★ <sup>(5)</sup> :Data error type 00:No error 10:No device 11:No medium 20:No data 21:Improper data 22:Unavailable data (Unconformable partition setting) ★★ <sup>(6)</sup> :System mode number (Refer to Power command)
Initialize menu	MC,00100 #1	RC #2 EX,★★ <sup>(1)</sup> MC,00100,★★ <sup>(2)</sup> ★★ <sup>(3)</sup> #2	★★ <sup>(1)</sup> :Error type (Refer to page 4.) ★★ <sup>(2)</sup> :Data error type 00:No error 10:No device 11:No medium 20:No data 21:Improper data 22:Unavailable data (Unconformable partition setting) ★★ <sup>(3)</sup> :System mode number (Refer to Power command)
Clear data	CL,★★ <sup>(1)</sup> ★★ <sup>(2)</sup> #1	RC #2 EX,★★ <sup>(3)</sup> CL,★★ <sup>(1)</sup> ★★ <sup>(2)</sup> ,★★ <sup>(4)</sup> #2	★★ <sup>(1)</sup> :Device including the data to be cleared 01:Main 02:Copy 1 03:Copy 2 ★★ <sup>(2)</sup> :Device group including the data to be cleared <For Main> 01:Normal 02:Alarm 03:LPA <For Copy 1> 00:SerialBus 01:NAS 02:SCSI 03:DVD/CD 04:USB Memory <For Copy 2> 00:SerialBus 01:NAS 02:SCSI 03:DVD/CD 05:Internal ★★ <sup>(3)</sup> :Error type (Refer to page 4.) ★★ <sup>(4)</sup> :Data clearing mode number 00:End 02:Data clearing error
Eject DVD/CD	EJ,★★ <sup>(1)</sup> ★★ <sup>(2)</sup> ★★ <sup>(3)</sup> #1	RC #2 EX,★★ <sup>(4)</sup> EJ,★★ <sup>(1)</sup> ★★ <sup>(2)</sup> ★★ <sup>(3)</sup> , ★★ <sup>(5)</sup> #2	★★ <sup>(1)</sup> :Device to be ejected 02:Copy 1 03:Copy 2 ★★ <sup>(2)</sup> :Device group to be ejected 03:DVD/CD ★★ <sup>(3)</sup> :Opening/closing disk tray 00:Close disk tray 01:Open disk tray ★★ <sup>(4)</sup> :Error type (Refer to page 4.) ★★ <sup>(5)</sup> :DVD/CD ejecting mode number 00:End 02:Eject error
Construct alarm list	IFC01,★★ <sup>(1)</sup> ★★ <sup>(2)</sup> ★★ <sup>(3)</sup> ★★ <sup>(4)</sup> ★★ <sup>(5)</sup> ★★ <sup>(6)</sup> ★★ <sup>(7)</sup> ★★ <sup>(8)</sup> ★★ <sup>(9)</sup> ★★ <sup>(10)</sup> ★★ <sup>(11)</sup> ★★ <sup>(1)</sup> #1	RC #2 EX,★★ <sup>(12)</sup> IFC01,★★ <sup>(1)</sup> ★★ <sup>(2)</sup> ★★ <sup>(3)</sup> ★★ <sup>(4)</sup> ★★ <sup>(5)</sup> ★★ <sup>(6)</sup> ★★ <sup>(7)</sup> ★★ <sup>(8)</sup> ★★ <sup>(9)</sup> ★★ <sup>(10)</sup> ★★ <sup>(11)</sup> , ★★ <sup>(13)</sup> ★★ <sup>(14)</sup> #2	★★ <sup>(1)</sup> :Alarm list construction device 01:Main 02:Copy 1 03:Copy 2 ★★ <sup>(2)</sup> :Alarm list construction device group <For Main> 01:Normal 02:Alarm 03:LPA <For Copy 1> 00:SerialBus 01:NAS 02:SCSI 03:DVD/CD 04:USB Memory <For Copy 2> 00:SerialBus 01:NAS 02:SCSI 03:DVD/CD 05:Internal ★★ <sup>(3)</sup> :Direction 00:Forward direction from specified time 01:Reverse direction from specified time 02:Forward direction from end point of previous construction 03:Reverse direction from start point of previous construction 04:Starts construction from start point of the specified device (forward direction) 05:Starts construction from end point of the specified device (reverse direction) ★★ <sup>(4)</sup> :The number of list items 0000-1000 ★★ <sup>(5)</sup> :Sensor to be searched Shown using hexadecimal number. Bit allocation for each camera LSB=sensor 1 Ex. "003F" indicates sensor numbers 1 to 6. ★★ <sup>(6)</sup> :Specified time/year (01-37) ★★ <sup>(7)</sup> :Specified time/month (01-12) ★★ <sup>(8)</sup> :Specified time/day (01-31) ★★ <sup>(9)</sup> :Specified time/hour (00-23) ★★ <sup>(10)</sup> :Specified time/minute (00-59) ★★ <sup>(11)</sup> :Specified time/second (00-59) ★★ <sup>(12)</sup> :Error type (Refer to page 4.) ★★ <sup>(13)</sup> :The number of items to be constructed 0000-1000 ★★ <sup>(14)</sup> :Data error type 00:No error 10:No device 11:No medium 20:No data 99:Other errors

## Command code table (continued)

### ◆ RS-232C [Direct operation specification] operation setting command form (5/7)

Command name	Command	Status	Note
Execute data lock	DLOKS,★★ <sup>(1)</sup> ★★ <sup>(2)</sup> ★★ <sup>(3)</sup> [E1]	RC [E2] EX,★★ <sup>(4)</sup> DLOKS,★★ <sup>(1)</sup> ★★ <sup>(2)</sup> ★★ <sup>(3)</sup> ,★★ <sup>(5)</sup> [E2]	★★ <sup>(1)</sup> :Device area including the data to be locked 01:Normal 02:Alarm ★★ <sup>(2)</sup> :Bookmark number of start point 00:1 01:2 02:3 03:4 04:5 05:6 06:7 07:8 ★★ <sup>(3)</sup> :Bookmark number of end point 00:1 01:2 02:3 03:4 04:5 05:6 06:7 07:8 ★★ <sup>(4)</sup> :Error type (Refer to page 4.) ★★ <sup>(5)</sup> :Data error type 00:No error 20:No data 22:Already locked 30:Improper range 31:Excess of available number 99:Other errors
Construct data lock list	IFC03,★★ <sup>(1)</sup> [E1]	RC [E2] EX,★★ <sup>(2)</sup> IFC03,★★ <sup>(1)</sup> ,★★★★ <sup>(3)</sup> ★★ <sup>(4)</sup> [E2]	★★ <sup>(1)</sup> :Device area for constructing data lock list 01:Normal 02:Alarm ★★ <sup>(2)</sup> :Error type (Refer to page 4.) ★★★★ <sup>(3)</sup> :The number of items to be constructed ★★ <sup>(4)</sup> :Data error type 00:No error 10:No device 11:No medium 20:No data 99:Other errors
Switch audio	AUDIOO,★★ <sup>(1)</sup> ★★ <sup>(2)</sup> [E1]	RC [E2] EX,★★ <sup>(3)</sup> AUDIOO,★★ <sup>(1)</sup> ★★ <sup>(2)</sup> [E2]	★★ <sup>(1)</sup> :Output terminal 00:Audio output ★★ <sup>(2)</sup> :Switching audio 00:Audio input 1 ch 01:Audio input 2 ch 02:Audio input 3ch 03:Audio input 4 ch ★★ <sup>(3)</sup> :Error type (Refer to page 4.)
Total operating time	ELPQ,★★ <sup>(1)</sup> ★★ <sup>(2)</sup> [E1]	RC [E2] EX,★★ <sup>(3)</sup> ELPQ,★★ <sup>(1)</sup> ★★ <sup>(2)</sup> , ★★★★ <sup>(4)</sup> [E2]	★★ <sup>(1)</sup> :Device to be acquired 00:System 02:Copy 1 03:Copy 2 ★★ <sup>(2)</sup> :Device group to be acquired <For System> 00:System <For Copy 1> 00:SerialBus 01:NAS 02:SCSI 03:DVD/CD 04:USB Memory <For Copy 2> 00:SerialBus 01:NAS 02:SCSI 03:DVD/CD ★★ <sup>(3)</sup> :Error type (Refer to page 4.) ★★★★ <sup>(4)</sup> :Total operating time 00000-99999 (hour)
Alarm recording of specified camera	RCCA,★★ <sup>(1)</sup> [E1]	RC [E2] EX,★★ <sup>(2)</sup> RCCA,★★ <sup>(1)</sup> [E2]	★★ <sup>(1)</sup> :Camera number 00:CH1 01:CH2 02:CH3 03:CH4 04:CH5 05:CH6 06:CH7 07:CH8 08:CH9 09:CH10 10:CH11 11:CH12 12:CH13 13:CH14 14:CH15 15:CH16 ★★ <sup>(2)</sup> :Error type (Refer to page 4.)

## Command code table (continued)

### ◆ RS-232C [Direct operation specification] operation setting command form (6/7)

Command name	Command	Status	Note
Select Source Device	PDV,★★ <sup>(1)</sup> ★★ <sup>(2)</sup> ★★ <sup>(3)</sup> [E1]	RC [E2] EX,★★ <sup>(4)</sup> PDV,★★ <sup>(1)</sup> ★★ <sup>(2)</sup> ★★ <sup>(3)</sup> [E2]	★★ <sup>(1)</sup> :Output port of playback picture 00:Output A ★★ <sup>(2)</sup> :Playback device 01:Main 02:Copy 1 03:Copy 2 ★★ <sup>(3)</sup> :Playback device group <For Main> 01:Normal 02:Alarm 03:LPA <For Copy 1> 00:SerialBus 01:NAS 02:SCSI 03:DVD/CD 04:USB Memory <For Copy 2> 00:SerialBus 01:NAS 02:SCSI 03:DVD/CD 05:Internal ★★ <sup>(4)</sup> :Error type (Refer to page 4.)
Search by Time and Date	PB10,★★ <sup>(1)</sup> ★★ <sup>(2)</sup> ★★ <sup>(3)</sup> ★★ <sup>(4)</sup> ★★ <sup>(5)</sup> ★★ <sup>(6)</sup> ★★ <sup>(7)</sup> [E1]	RC [E2] EX,★★ <sup>(8)</sup> PB10,★★ <sup>(1)</sup> ★★ <sup>(2)</sup> ★★ <sup>(3)</sup> ★★ <sup>(4)</sup> ★★ <sup>(5)</sup> ★★ <sup>(6)</sup> ★★ <sup>(7)</sup> ,★★ <sup>(9)</sup> ★★ <sup>(10)</sup> [E2]	★★ <sup>(1)</sup> :Output port of playback picture 00:Output A ★★ <sup>(2)</sup> :Time to be searched/year (01-37) ★★ <sup>(3)</sup> :Time to be searched/month (01-12) ★★ <sup>(4)</sup> :Time to be searched/day (01-31) ★★ <sup>(5)</sup> :Time to be searched/hour (00-23) ★★ <sup>(6)</sup> :Time to be searched/minute (00-59) ★★ <sup>(7)</sup> :Time to be searched/second (00-59) ★★ <sup>(8)</sup> :Error type (Refer to page 4.) ★★ <sup>(9)</sup> :Playback mode number (Refer to Playback command) ★★ <sup>(10)</sup> :Data error type 00:No error 10:No device 11:No medium 20:No data 99:Other errors
Search by Time and Date Start	PB11,★★ <sup>(1)</sup> [E1]	RC [E2] EX,★★ <sup>(2)</sup> PB11,★★ <sup>(1)</sup> ,★★ <sup>(3)</sup> ★★ <sup>(4)</sup> [E2]	★★ <sup>(1)</sup> :Output port of playback picture 00:Output A ★★ <sup>(2)</sup> :Error type (Refer to page 4.) ★★ <sup>(3)</sup> :Playback mode number (Refer to Playback command) ★★ <sup>(4)</sup> :Data error type 00:No error 10:No device 11:No medium 20:No data 99:Other errors
Search by Time and Date End	PB12,★★ <sup>(1)</sup> [E1]	RC [E2] EX,★★ <sup>(2)</sup> PB12,★★ <sup>(1)</sup> ,★★ <sup>(3)</sup> ★★ <sup>(4)</sup> [E2]	★★ <sup>(1)</sup> :Output port of playback picture 00:Output A ★★ <sup>(2)</sup> :Error type (Refer to page 4.) ★★ <sup>(3)</sup> :Playback mode number (Refer to Playback command) ★★ <sup>(4)</sup> :Data error type 00:No error 10:No device 11:No medium 20:No data 99:Other errors
Acquire alarm list information	LSTI01,★★★★ [E1]	RC [E2] EX,★★ <sup>(2)</sup> LSTI01,★★★★ <sup>(1)</sup> , ★★ <sup>(3)</sup> ★★ <sup>(4)</sup> ★★ <sup>(5)</sup> ★★ <sup>(6)</sup> ★★ <sup>(7)</sup> ★★ <sup>(8)</sup> ★★ <sup>(9)</sup> ★★ <sup>(10)</sup> ★★ <sup>(11)</sup> [E2]	★★★★ <sup>(1)</sup> :Alarm list number 0000-0999 ★★ <sup>(2)</sup> :Error type (Refer to page 4.) ★★ <sup>(3)</sup> :Data error type 00:No error 20:No data 22:Unavailable data 99:Other errors ★★ <sup>(4)</sup> :Time of alarm/year (01-37) ★★ <sup>(5)</sup> :Time of alarm/month (01-12) ★★ <sup>(6)</sup> :Time of alarm/day (01-31) ★★ <sup>(7)</sup> :Time of alarm/hour (00-23) ★★ <sup>(8)</sup> :Time of alarm/minute (00-59) ★★ <sup>(9)</sup> :Time of alarm/second (00-59) ★★ <sup>(10)</sup> :Sensor number 00:Sensor 1 01:Sensor 2 02:Sensor 3 03:Sensor 4 04:Sensor 5 05:Sensor 6 06:Sensor 7 07:Sensor 8 08:Sensor 9 09:Sensor 10 10:Sensor 11 11:Sensor 12 12:Sensor 13 13:Sensor 14 14:Sensor 15 15:Sensor 16 ★★ <sup>(11)</sup> :Factor of starting recording 00:Motion detection 02:Rear terminal (ALARM IN terminal) 03:Rear terminal (EMERGENCY terminal)
Search by Alarm List	PBC01,★★ <sup>(1)</sup> ★★★★ <sup>(2)</sup> [E1]	RC [E2] EX,★★ <sup>(3)</sup> PBC01,★★ <sup>(1)</sup> ★★★★ <sup>(2)</sup> [E2]	★★ <sup>(1)</sup> :Output port of playback picture 00:Output A ★★★★ <sup>(2)</sup> :List number to be searched 0000-0999 ★★ <sup>(3)</sup> :Error type (Refer to page 4.)



## Command code table (continued)

### ◆ RS-232C [Direct operation specification] menu setting command form <Search> (1/3)

Refer to [Direct operation specification] operation setting command for carrying out search function.

Menu	Menu item	Command	Status	Note
Select Source Device	Playback Device Select	<Menu setting> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> <Inquiry for setting information> DR,***** <sup>(1)</sup>	<Writing of menu information> RC EX,** <sup>(3)</sup> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> <Reading of menu information> RC EX,** <sup>(3)</sup> DR,***** <sup>(1)</sup> ,***** <sup>(2)</sup>	***** <sup>(1)</sup> :08000 ***** <sup>(2)</sup> :00001-00003 00001:Main      00002:Copy 1      00003:Copy 2 ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Playback Area/Main	↑	↑	***** <sup>(1)</sup> :08001 ***** <sup>(2)</sup> :00001-00003 00001:Normal      00002:Alarm      00003:LPA ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Playback Area/Copy 1	↑	↑	***** <sup>(1)</sup> :08002 ***** <sup>(2)</sup> :00000-00004 00000:SerialBus      00001:NAS 00002:SCSI      00003:DVD/CD 00004:USB Memory ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Playback Area/Copy 2	↑	↑	***** <sup>(1)</sup> :08003 ***** <sup>(2)</sup> :00000-00003 00000:SerialBus      00001:NAS 00002:SCSI      00003:DVD/CD 00005:Internal ** <sup>(3)</sup> :Error type (Refer to page 4.)
Search by Time and Date	Manual/year	↑	↑	***** <sup>(1)</sup> :08004 ***** <sup>(2)</sup> :00001-00037 (year 2001-2037) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Manual/month	↑	↑	***** <sup>(1)</sup> :08005 ***** <sup>(2)</sup> :00001-00012 (January-December) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Manual/day	↑	↑	***** <sup>(1)</sup> :08006 ***** <sup>(2)</sup> :00001-00031 (1st-31st) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Manual/hour	↑	↑	***** <sup>(1)</sup> :08007 ***** <sup>(2)</sup> :00000-00023 (hour 00-23) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Manual/minute	↑	↑	***** <sup>(1)</sup> :08008 ***** <sup>(2)</sup> :00000-00059 (minute 00-59) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Manual/second	↑	↑	***** <sup>(1)</sup> :08009 ***** <sup>(2)</sup> :00000-00059 (second 00-59) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Camera Filter	↑	↑	***** <sup>(1)</sup> :08010-08025 08010:CH1      08011:CH2      08012:CH3 08013:CH4      08014:CH5      08015:CH6 08016:CH7      08017:CH8      08018:CH9 08019:CH10      08020:CH11      08021:CH12 08022:CH13      08023:CH14      08024:CH15 08025:CH16 ***** <sup>(2)</sup> :00000:Off      00001:On ** <sup>(3)</sup> :Error type (Refer to page 4.)
Search by Alarm List	year	↑	↑	***** <sup>(1)</sup> :08026 ***** <sup>(2)</sup> :00001-00037 (year 2001-2037) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	month	↑	↑	***** <sup>(1)</sup> :08027 ***** <sup>(2)</sup> :00001-00012 (January-December) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	day	↑	↑	***** <sup>(1)</sup> :08028 ***** <sup>(2)</sup> :00001-00031 (1st-31st) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	hour	↑	↑	***** <sup>(1)</sup> :08029 ***** <sup>(2)</sup> :00000-00023 (hour 00-23) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	minute	↑	↑	***** <sup>(1)</sup> :08030 ***** <sup>(2)</sup> :00000-00059 (minute 00-59) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	second	↑	↑	***** <sup>(1)</sup> :08031 ***** <sup>(2)</sup> :00000-00059 (second 00-59) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Sensor Filter	↑	↑	***** <sup>(1)</sup> :08032-08047 08032:CH1      08033:CH2      08034:CH3 08035:CH4      08036:CH5      08037:CH6 08038:CH7      08039:CH8      08040:CH9 08041:CH10      08042:CH11      08043:CH12 08044:CH13      08045:CH14      08046:CH15 08047:CH16 ***** <sup>(2)</sup> :00000:Off      00001:On ** <sup>(3)</sup> :Error type (Refer to page 4.)

## Command code table (continued)

### ◆ RS-232C [Direct operation specification] menu setting command form <Search> (2/3)

Refer to [Direct operation specification] operation setting command form for carrying out search function.

Menu	Menu item	Command	Status	Note
Find data storage location	Start/year	<Menu setting> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [F1] <Inquiry for setting information> DR,***** <sup>(1)</sup> [F1]	<Writing of menu information> RC [F2] EX,** <sup>(3)</sup> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [F2] <Reading of menu information> RC [F2] EX,** <sup>(3)</sup> DR,***** <sup>(1)</sup> ,***** <sup>(2)</sup> [F2]	***** <sup>(1)</sup> :08048 ***** <sup>(2)</sup> :00001-00037 (year 2001-2037) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Start/month	↑	↑	***** <sup>(1)</sup> :08049 ***** <sup>(2)</sup> :00001-00012 (January-December) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Start/day	↑	↑	***** <sup>(1)</sup> :08050 ***** <sup>(2)</sup> :00001-00031 (1st-31st) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Start/hour	↑	↑	***** <sup>(1)</sup> :08051 ***** <sup>(2)</sup> :00000-00023 (hour 00-23) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Start/minute	↑	↑	***** <sup>(1)</sup> :08052 ***** <sup>(2)</sup> :00000-00059 (minute 00-59) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Start/second	↑	↑	***** <sup>(1)</sup> :08053 ***** <sup>(2)</sup> :00000-00059 (second 00-59) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	End/year	↑	↑	***** <sup>(1)</sup> :08054 ***** <sup>(2)</sup> :00001-00037 (year 2001-2037) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	End/month	↑	↑	***** <sup>(1)</sup> :08055 ***** <sup>(2)</sup> :00001-00012 (January-December) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	End/day	↑	↑	***** <sup>(1)</sup> :08056 ***** <sup>(2)</sup> :00001-00031 (1st-31st) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	End/hour	↑	↑	***** <sup>(1)</sup> :08057 ***** <sup>(2)</sup> :00000-00023 (hour 00-23) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	End/minute	↑	↑	***** <sup>(1)</sup> :08058 ***** <sup>(2)</sup> :00000-00059 (minute 00-59) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	End/second	↑	↑	***** <sup>(1)</sup> :08059 ***** <sup>(2)</sup> :00000-00059 (second 00-59) ** <sup>(3)</sup> :Error type (Refer to page 4.)

## Command code table (continued)

### ◆ RS-232C [Direct operation specification] menu setting command form <Search> (3/3)

Refer to [Direct operation specification] operation setting command form for carrying out search function.

Menu	Menu item	Command	Status	Note
Search by Motion	year	<Menu setting> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [E1] <Inquiry for setting information> DR,***** <sup>(1)</sup> [E1]	<Writing of menu information> RC [E2] EX,** <sup>(3)</sup> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [E2] <Reading of menu information> RC [E2] EX,** <sup>(3)</sup> DR,***** <sup>(1)</sup> ,***** <sup>(2)</sup> [E2]	***** <sup>(1)</sup> :08060 ***** <sup>(2)</sup> :00001-00037 (year 2001-2037) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	month	†	†	***** <sup>(1)</sup> :08061 ***** <sup>(2)</sup> :00001-00012 (January-December) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	day	†	†	***** <sup>(1)</sup> :08062 ***** <sup>(2)</sup> :00001-00031 (1st-31st) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	hour	†	†	***** <sup>(1)</sup> :08063 ***** <sup>(2)</sup> :00000-00023 (hour 00-23) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	minute	†	†	***** <sup>(1)</sup> :08064 ***** <sup>(2)</sup> :00000-00059 (minute 00-59) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	second	†	†	***** <sup>(1)</sup> :08065 ***** <sup>(2)</sup> :00000-00059 (second 00-59) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Camera Select	†	†	***** <sup>(1)</sup> :08066 ***** <sup>(2)</sup> :00000-00015 00000:1CH      00001:2CH      00002:3CH 00003:4CH      00004:5CH      00005:6CH 00006:7CH      00007:8CH      00008:9CH 00009:10CH      00010:11CH      00011:12CH 00012:13CH      00013:14CH      00014:15CH 00015:16CH ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Motion Detection Settings/ Sensitivity	†	†	***** <sup>(1)</sup> : 08100:1CH      08200:2CH      08300:3CH 08400:4CH      08500:5CH      08600:6CH 08700:7CH      08800:8CH      08900:9CH 09000:10CH      09100:11CH      09200:12CH 09300:13CH      09400:14CH      09500:15CH 09600:16CH ***** <sup>(2)</sup> : 00000:Low      00004:High ** <sup>(3)</sup> :Error type (Refer to page 4.)
Motion Detection Settings/ Motion Threshold	†	†	***** <sup>(1)</sup> : 08101:1CH      08201:2CH      08301:3CH 08401:4CH      08501:5CH      08601:6CH 08701:7CH      08801:8CH      08901:9CH 09001:10CH      09101:11CH      09201:12CH 09301:13CH      09401:14CH      09501:15CH 09601:16CH <For DX-TL5000E> ***** <sup>(2)</sup> :00001-00506 (point) <For DX-TL5000U> ***** <sup>(2)</sup> :00001-00418 (point) ** <sup>(3)</sup> :Error type (Refer to page 4.)	

# Command code table (continued)

## ◆ RS-232C [Direct operation specification] menu setting command form <Copy> (1/2)

Menu	Menu item	Command	Status	Note
Copy data to Copy 1 Drive	Range of Copy	<Menu setting> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [E1] <Inquiry for setting information> DR,***** <sup>(1)</sup> [E1]	<Writing of menu information> RC [E2] EX,** <sup>(3)</sup> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [E2] <Reading of menu information> RC [E2] EX,** <sup>(3)</sup> DR,***** <sup>(1)</sup> ,***** <sup>(2)</sup> [E2]	***** <sup>(1)</sup> :12000 ***** <sup>(2)</sup> :00000-00002 00000:Start/End 00002:End ** <sup>(3)</sup> :Error type (Refer to page 4.) 00001:Start
	Start/ Bookmark	↑	↑	***** <sup>(1)</sup> :12001 ***** <sup>(2)</sup> :00000-00007, 00255 00000:1 00001:2 00002:3 00003:4 00004:5 00005:6 00006:7 00007:8 00255:specify by time and date ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Start/year	↑	↑	***** <sup>(1)</sup> :12002 ***** <sup>(2)</sup> :00001-00037 (year 2001-2037) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Start/month	↑	↑	***** <sup>(1)</sup> :12003 ***** <sup>(2)</sup> :00001-00012 (January-December) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Start/day	↑	↑	***** <sup>(1)</sup> :12004 ***** <sup>(2)</sup> :00001-00031 (1st-31st) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Start/hour	↑	↑	***** <sup>(1)</sup> :12005 ***** <sup>(2)</sup> :00000-00023 (hour 00-23) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Start/minute	↑	↑	***** <sup>(1)</sup> :12006 ***** <sup>(2)</sup> :00000-00059 (minute 00-59) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Start/second	↑	↑	***** <sup>(1)</sup> :12007 ***** <sup>(2)</sup> :00000-00059 (second 00-59) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	End/ Bookmark	↑	↑	***** <sup>(1)</sup> :12008 ***** <sup>(2)</sup> :00000-00007, 00255 00000:1 00001:2 00002:3 00003:4 00004:5 00005:6 00006:7 00007:8 00255:specify by time and date ** <sup>(3)</sup> :Error type (Refer to page 4.)
	End/year	↑	↑	***** <sup>(1)</sup> :12009 ***** <sup>(2)</sup> :00001-00037 (year 2001-2037) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	End/month	↑	↑	***** <sup>(1)</sup> :12010 ***** <sup>(2)</sup> :00001-00012 (January-December) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	End/day	↑	↑	***** <sup>(1)</sup> :12011 ***** <sup>(2)</sup> :00001-00031 (1st-31st) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	End/hour	↑	↑	***** <sup>(1)</sup> :12012 ***** <sup>(2)</sup> :00000-00023 (hour 00-23) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	End/minute	↑	↑	***** <sup>(1)</sup> :12013 ***** <sup>(2)</sup> :00000-00059 (minute 00-59) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	End/second	↑	↑	***** <sup>(1)</sup> :12014 ***** <sup>(2)</sup> :00000-00059 (second 00-59) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Set Copy 1 Drive	Copy camera	↑	↑
From Device		↑	↑	***** <sup>(1)</sup> :12027 ***** <sup>(2)</sup> : 00001:Main 00003:Copy 2 ** <sup>(3)</sup> :Error type (Refer to page 4.)
From Group		↑	↑	***** <sup>(1)</sup> :12028 ***** <sup>(2)</sup> : <For Main> 00001:Normal 00002:Alarm 00003:LPA <For Copy 2> 00000:SerialBus 00001:NAS 00002:SCSI 00003:DVD/CD 00005:Internal ** <sup>(3)</sup> :Error type (Refer to page 4.)
To Copy 1		↑	↑	***** <sup>(1)</sup> :12022 ***** <sup>(2)</sup> :00000-00004 00000:SerialBus 00001:NAS 00002:SCSI 00003:DVD/CD 00004:USB Memory ** <sup>(3)</sup> :Error type (Refer to page 4.)

## Command code table (continued)

### ◆ RS-232C [Direct operation specification] menu setting command form <Copy> (2/2)/<PTZ Control>

Menu	Menu item	Command	Status	Note
Set Copy 1 Drive (continued)	Copy Data	<Menu setting> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> <Inquiry for setting information> DR,***** <sup>(1)</sup>	<Writing of menu information> RC EX,** <sup>(3)</sup> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> <Reading of menu information> RC EX,** <sup>(3)</sup> DR,***** <sup>(1)</sup> ,***** <sup>(2)</sup>	***** <sup>(1)</sup> :12023 ***** <sup>(2)</sup> : 00000:All                   00001:Alarm ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Overwrite	↑	↑	***** <sup>(1)</sup> :12024 ***** <sup>(2)</sup> : 00000:On                   00001:Off ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Auto Eject	↑	↑	***** <sup>(1)</sup> :12025 ***** <sup>(2)</sup> : 00000:Off                   00001:On ** <sup>(3)</sup> :Error type (Refer to page 4.)
Copy data to Copy 2 Drive	Range of Copy	↑	↑	***** <sup>(1)</sup> :12040 ***** <sup>(2)</sup> : 00001:Start               00003:Continue ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Start/ Bookmark	↑	↑	***** <sup>(1)</sup> :12041 ***** <sup>(2)</sup> :00000-00007, 00255 00000:1           00001:2           00002:3 00003:4           00004:5           00005:6 00006:7           00007:8           00255:specify by time and date ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Start/year	↑	↑	***** <sup>(1)</sup> :12042 ***** <sup>(2)</sup> :00001-00037 (year 2001-2037) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Start/month	↑	↑	***** <sup>(1)</sup> :12043 ***** <sup>(2)</sup> :00001-00012 (January-December) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Start/day	↑	↑	***** <sup>(1)</sup> :12044 ***** <sup>(2)</sup> :00001-00031 (1st-31st) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Start/hour	↑	↑	***** <sup>(1)</sup> :12045 ***** <sup>(2)</sup> :00000-00023 (hour 00-23) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Start/minute	↑	↑	***** <sup>(1)</sup> :12046 ***** <sup>(2)</sup> :00000-00059 (minute 00-59) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Start/second	↑	↑	***** <sup>(1)</sup> :12047 ***** <sup>(2)</sup> :00000-00059 (second 00-59) ** <sup>(3)</sup> :Error type (Refer to page 4.)
Set Copy 2 Drive	Copy camera	↑	↑	***** <sup>(1)</sup> :12055 ***** <sup>(2)</sup> : Shown using decimal number. Bit allocation for each camera LSB=camera 1   Ex. "00063" indicates camera numbers 1 to 6. ** <sup>(3)</sup> :Error type (Refer to page 4.)
	From Main	↑	↑	***** <sup>(1)</sup> :12056 ***** <sup>(2)</sup> :00001-00003 00001:Normal           00002:Alarm           00003:LPA ** <sup>(3)</sup> :Error type (Refer to page 4.)
	To Copy 2	↑	↑	***** <sup>(1)</sup> :12057 ***** <sup>(2)</sup> :00000-00003 00000:SerialBus           00001:NAS 00002:SCSI               00003:DVD/CD 00005:Internal ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Copy Data	↑	↑	***** <sup>(1)</sup> :12058 ***** <sup>(2)</sup> : 00000:All                   00001:Alarm ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Overwrite	↑	↑	***** <sup>(1)</sup> :12059 ***** <sup>(2)</sup> : 00000:On                   00001:Off ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Auto Eject	↑	↑	***** <sup>(1)</sup> :12060 ***** <sup>(2)</sup> : 00000:Off                   00001:On ** <sup>(3)</sup> :Error type (Refer to page 4.)
	FIFO Overwrite	↑	↑	***** <sup>(1)</sup> :12061 ***** <sup>(2)</sup> : 00000:Off                   00001:On ** <sup>(3)</sup> :Error type (Refer to page 4.)
Select PTZ Camera				***** <sup>(1)</sup> :00480 ***** <sup>(2)</sup> :00000-00015 00000:CH1           00001:CH2           00002:CH3 00003:CH4           00004:CH5           00005:CH6 00006:CH7           00007:CH8           00008:CH9 00009:CH10       00010:CH11       00011:CH12 00012:CH13       00013:CH14       00014:CH15 00015:CH16 ** <sup>(3)</sup> :Error type (Refer to page 4.)

# Command code table (continued)

## ◆ RS-232C [Direct operation specification] menu setting command form <Record> (1/9)

Menu	Menu item	Command	Status	Note	
Set Recording Pattern A (Normal/Timer)	Normal Recording Menu	Frame / Field	<Menu setting> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [E1] <Inquiry for setting information> DR,***** <sup>(1)</sup> [E1]	<Writing of menu information> RC [E2] EX,** <sup>(3)</sup> DR,***** <sup>(1)</sup> ***** <sup>(2)</sup> [E2] <Reading of menu information> RC [E2] EX,** <sup>(3)</sup> DR,***** <sup>(1)</sup> ***** <sup>(2)</sup> [E2]	***** <sup>(1)</sup> :02339-02354 02339:CH1      02340:CH2      02341:CH3 02342:CH4      02343:CH5      02344:CH6 02345:CH7      02346:CH8      02347:CH9 02348:CH10      02349:CH11      02350:CH12 02351:CH13      02352:CH14      02353:CH15 02354:CH16 ***** <sup>(2)</sup> : 00000:Field      00001:Frame ** <sup>(3)</sup> :Error type (Refer to page 4.)
		Recording Rate	↑	↑	***** <sup>(1)</sup> :02003-02018 02003:CH1      02004:CH2      02005:CH3 02006:CH4      02007:CH5      02008:CH6 02009:CH7      02010:CH8      02011:CH9 02012:CH10      02013:CH11      02014:CH12 02015:CH13      02016:CH14      02017:CH15 02018:CH16 ***** <sup>(2)</sup> : <For DX-TL5000E> 00002:25 pps      00004:12.5 pps      00006:8.333 pps 00008:6.25 pps      00010:5 pps      00012:4.167 pps 00016:3.125 pps      00020:2.5 pps      00050:1 pps 00100:0.5 pps      00200:0.25 pps      00400:0.125 pps 65535: - - - - <For DX-TL5000U> 00002:30 pps      00004:15 pps      00006:10 pps 00008:7.5 pps      00010:6 pps      00012:5 pps 00020:3 pps      00030:2 pps      00060:1 pps 00120:0.5 pps      00240:0.25 pps      00480:0.125 pps 65535: - - - - ** <sup>(3)</sup> :Error type (Refer to page 4.)
		Picture Grade	↑	↑	***** <sup>(1)</sup> :02019-02034 02019:CH1      02020:CH2      02021:CH3 02022:CH4      02023:CH5      02024:CH6 02025:CH7      02026:CH8      02027:CH9 02028:CH10      02029:CH11      02030:CH12 02031:CH13      02032:CH14      02033:CH15 02034:CH16 ***** <sup>(2)</sup> :00000-00005 00000:Super      00001:Fine      00002:High 00003:Standard      00004:Basic      00005:Long ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Alarm Recording Menu	Frame / Field	↑	↑	***** <sup>(1)</sup> :02355-02370 02355:CH1      02356:CH2      02357:CH3 02358:CH4      02359:CH5      02360:CH6 02361:CH7      02362:CH8      02363:CH9 02364:CH10      02365:CH11      02366:CH12 02367:CH13      02368:CH14      02369:CH15 02370:CH16 ***** <sup>(2)</sup> : 00000:Field      00001:Frame ** <sup>(3)</sup> :Error type (Refer to page 4.)
		Recording Rate	↑	↑	***** <sup>(1)</sup> :02035-02050 02035:CH1      02036:CH2      02037:CH3 02038:CH4      02039:CH5      02040:CH6 02041:CH7      02042:CH8      02043:CH9 02044:CH10      02045:CH11      02046:CH12 02047:CH13      02048:CH14      02049:CH15 02050:CH16 ***** <sup>(2)</sup> : <For DX-TL5000E> 00002:25 pps      00004:12.5 pps      00006:8.333 pps 00008:6.25 pps      00010:5 pps      00012:4.167 pps 00016:3.125 pps      00020:2.5 pps      00050:1 pps 00100:0.5 pps      00200:0.25 pps      00400:0.125 pps 65535: - - - - <For DX-TL5000U> 00002:30 pps      00004:15 pps      00006:10 pps 00008:7.5 pps      00010:6 pps      00012:5 pps 00020:3 pps      00030:2 pps      00060:1 pps 00120:0.5 pps      00240:0.25 pps      00480:0.125 pps 65535: - - - - ** <sup>(3)</sup> :Error type (Refer to page 4.)
		Picture Grade	↑	↑	***** <sup>(1)</sup> :02051-02066 02051:CH1      02052:CH2      02053:CH3 02054:CH4      02055:CH5      02056:CH6 02057:CH7      02058:CH8      02059:CH9 02060:CH10      02061:CH11      02062:CH12 02063:CH13      02064:CH14      02065:CH15 02066:CH16 ***** <sup>(2)</sup> :00000-00005 00000:Super      00001:Fine      00002:High 00003:Standard      00004:Basic      00005:Long ** <sup>(3)</sup> :Error type (Refer to page 4.)

# Command code table (continued)

## ◆ RS-232C [Direct operation specification] menu setting command form <Record> (2/9)

Menu	Menu item	Command	Status	Note
Alarm Recording Menu	Motion Detection Recording	<Menu setting> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [E1] <Inquiry for setting information> DR,***** <sup>(1)</sup> [E1]	<Writing of menu information> RC [E2] EX,** <sup>(3)</sup> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [E2] <Reading of menu information> RC [E2] EX,** <sup>(3)</sup> DR,***** <sup>(1)</sup> ,***** <sup>(2)</sup> [E2]	***** <sup>(1)</sup> :02396 ***** <sup>(2)</sup> : 00000:Normal                      00001:Alarm ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Alarm Mode	↑	↑	***** <sup>(1)</sup> :02000 ***** <sup>(2)</sup> : 00001:Alarm CH                      00002:Alarm plus ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Pre-Alarm Duration	↑	↑	***** <sup>(1)</sup> :02001 ***** <sup>(2)</sup> : 00000:0 sec                      00001:1 sec                      00002:2 sec 00003:3 sec                      00004:4 sec                      00005:5 sec 00006:6 sec                      00007:7 sec                      00008:8 sec 00009:9 sec                      00010:10 sec                      00015:15 sec 00020:20 sec                      00030:30 sec                      00040:40 sec 00050:50 sec                      00060:60 sec                      00090:90 sec 00120:120 sec                      00150:150 sec                      00180:180 sec ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Post-Alarm Duration	↑	↑	***** <sup>(1)</sup> :02002 ***** <sup>(2)</sup> : 00000:Manual                      00002:2 sec                      00005:5 sec 00010:10 sec                      00015:15 sec                      00030:30 sec 00045:45 sec                      00060:1 min                      00120:2 min 00300:5 min                      00600:10 min                      00900:15 min 01200:20 min                      01800:30 min                      03600:60 min ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Alarm Camera Setting	↑	↑	***** <sup>(1)</sup> :02067-02322 02067-02082:sensor number 1/camera number CH1-CH16 02083-02098:sensor number 2/camera number CH1-CH16 02099-02114:sensor number 3/camera number CH1-CH16 02115-02130:sensor number 4/camera number CH1-CH16 02131-02146:sensor number 5/camera number CH1-CH16 02147-02162:sensor number 6/camera number CH1-CH16 02163-02178:sensor number 7/camera number CH1-CH16 02179-02194:sensor number 8/camera number CH1-CH16 02195-02210:sensor number 9/camera number CH1-CH16 02211-02226:sensor number 10/camera number CH1-CH16 02227-02242:sensor number 11/camera number CH1-CH16 02243-02258:sensor number 12/camera number CH1-CH16 02259-02274:sensor number 13/camera number CH1-CH16 02275-02290:sensor number 14/camera number CH1-CH16 02291-02306:sensor number 15/camera number CH1-CH16 02307-02322:sensor number 16/camera number CH1-CH16 ***** <sup>(2)</sup> : 00000:Off                                      00001:On ** <sup>(3)</sup> :Error type (Refer to page 4.)
Alarm Trigger In/Out	Trigger	↑	↑	***** <sup>(1)</sup> :02323-02338 02323:CH1                      02324:CH2                      02325:CH3 02326:CH4                      02327:CH5                      02328:CH6 02329:CH7                      02330:CH8                      02331:CH9 02332:CH10                      02333:CH11                      02334:CH12 02335:CH13                      02336:CH14                      02337:CH15 02338:CH16 ***** <sup>(2)</sup> :00000-00006 00000:External / MD-A                      00001:External / MD-B 00002:External & MD-A                      00003:External & MD-B 00004:External                                      00005:MD-A 00006:MD-B ** <sup>(3)</sup> :Error type (Refer to page 4.)
	PTZ Camera Preset	↑	↑	***** <sup>(1)</sup> :02380-02395 02380:CH1                      02381:CH2                      02382:CH3 02383:CH4                      02384:CH5                      02385:CH6 02386:CH7                      02387:CH8                      02388:CH9 02389:CH10                      02390:CH11                      02391:CH12 02392:CH13                      02393:CH14                      02394:CH15 02395:CH16 ***** <sup>(2)</sup> :00000-00016 00000:- - -                                      00001:Preset1 00002:Preset2                                      00003:Preset3 00004:Preset4                                      00005:Preset5 00006:Preset6                                      00007:Preset7 00008:Preset8                                      00009:Preset9 00010:Preset10                                      00011:Preset11 00012:Preset12                                      00013:Preset13 00014:Preset14                                      00015:Preset15 00016:Preset16 ** <sup>(3)</sup> :Error type (Refer to page 4.)

Set Recording Pattern A (Normal/Timer) (continued)

# Command code table (continued)

## ◆ RS-232C [Direct operation specification] menu setting command form <Record> (3/9)

Menu	Menu item	Command	Status	Note	
Set Recording Pattern B (Timer)	Normal Recording Menu	Frame / Field	<Menu setting> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [F1] <Inquiry for setting information> DR,***** <sup>(1)</sup> [F1]	<Writing of menu information> RC [F2] EX,** <sup>(3)</sup> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [F2] <Reading of menu information> RC [F2] EX,** <sup>(3)</sup> DR,***** <sup>(1)</sup> ,***** <sup>(2)</sup> [F2]	***** <sup>(1)</sup> :02739-02754 02739:CH1      02740:CH2      02741:CH3 02742:CH4      02743:CH5      02744:CH6 02745:CH7      02746:CH8      02747:CH9 02748:CH10      02749:CH11      02750:CH12 02751:CH13      02752:CH14      02753:CH15 02754:CH16 ***** <sup>(2)</sup> : 00000:Field      00001:Frame ** <sup>(3)</sup> :Error type (Refer to page 4.)
		Recording Rate	↑	↑	***** <sup>(1)</sup> :02403-02418 02403:CH1      02404:CH2      02405:CH3 02406:CH4      02407:CH5      02408:CH6 02409:CH7      02410:CH8      02411:CH9 02412:CH10      02413:CH11      02414:CH12 02415:CH13      02416:CH14      02417:CH15 02418:CH16 ***** <sup>(2)</sup> : <For DX-TL5000E> 00002:25 pps      00004:12.5 pps      00006:8.333 pps 00008:6.25 pps      00010:5 pps      00012:4.167 pps 00016:3.125 pps      00020:2.5 pps      00050:1 pps 00100:0.5 pps      00200:0.25 pps      00400:0.125 pps 65535:- - - - <For DX-TL5000U> 00002:30 pps      00004:15 pps      00006:10 pps 00008:7.5 pps      00010:6 pps      00012:5 pps 00020:3 pps      00030:2 pps      00060:1 pps 00120:0.5 pps      00240:0.25 pps      00480:0.125 pps 65535:- - - - ** <sup>(3)</sup> :Error type (Refer to page 4.)
		Picture Grade	↑	↑	***** <sup>(1)</sup> :02419-02434 02419:CH1      02420:CH2      02421:CH3 02422:CH4      02423:CH5      02424:CH6 02425:CH7      02426:CH8      02427:CH9 02428:CH10      02429:CH11      02430:CH12 02431:CH13      02432:CH14      02433:CH15 02434:CH16 ***** <sup>(2)</sup> :00000-00005 00000:Super      00001:Fine      00002:High 00003:Standard      00004:Basic      00005:Long ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Alarm Recording Menu	Frame / Field	↑	↑	***** <sup>(1)</sup> :02755-02770 02755:CH1      02756:CH2      02757:CH3 02758:CH4      02759:CH5      02760:CH6 02761:CH7      02762:CH8      02763:CH9 02764:CH10      02765:CH11      02766:CH12 02767:CH13      02768:CH14      02769:CH15 02770:CH16 ***** <sup>(2)</sup> : 00000:Field      00001:Frame ** <sup>(3)</sup> :Error type (Refer to page 4.)
		Recording Rate	↑	↑	***** <sup>(1)</sup> :02435-02450 02435:CH1      02436:CH2      02437:CH3 02438:CH4      02439:CH5      02440:CH6 02441:CH7      02442:CH8      02443:CH9 02444:CH10      02445:CH11      02446:CH12 02447:CH13      02448:CH14      02449:CH15 02450:CH16 ***** <sup>(2)</sup> : <For DX-TL5000E> 00002:25 pps      00004:12.5 pps      00006:8.333 pps 00008:6.25 pps      00010:5 pps      00012:4.167 pps 00016:3.125 pps      00020:2.5 pps      00050:1 pps 00100:0.5 pps      00200:0.25 pps      00400:0.125 pps 65535:- - - - <For DX-TL5000U> 00002:30 pps      00004:15 pps      00006:10 pps 00008:7.5 pps      00010:6 pps      00012:5 pps 00020:3 pps      00030:2 pps      00060:1 pps 00120:0.5 pps      00240:0.25 pps      00480:0.125 pps 65535:- - - - ** <sup>(3)</sup> :Error type (Refer to page 4.)
		Picture Grade	↑	↑	***** <sup>(1)</sup> :02451-02466 02451:CH1      02452:CH2      02453:CH3 02454:CH4      02455:CH5      02456:CH6 02457:CH7      02458:CH8      02459:CH9 02460:CH10      02461:CH11      02462:CH12 02463:CH13      02464:CH14      02465:CH15 02466:CH16 ***** <sup>(2)</sup> :00000-00005 00000:Super      00001:Fine      00002:High 00003:Standard      00004:Basic      00005:Long ** <sup>(3)</sup> :Error type (Refer to page 4.)

# Command code table (continued)

## ◆ RS-232C [Direct operation specification] menu setting command form <Record> (4/9)

Menu	Menu item	Command	Status	Note
Alarm Recording Menu	Motion Detection Recording	<Menu setting> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [E1] <Inquiry for setting information> DR,***** <sup>(1)</sup> [E1]	<Writing of menu information> RC [E2] EX,** <sup>(3)</sup> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [E2] <Reading of menu information> RC [E2] EX,** <sup>(3)</sup> DR,***** <sup>(1)</sup> ,***** <sup>(2)</sup> [E2]	***** <sup>(1)</sup> :02796 ***** <sup>(2)</sup> : 00000:Normal                      00001:Alarm ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Alarm Mode	↑	↑	***** <sup>(1)</sup> :02400 ***** <sup>(2)</sup> : 00001:Alarm CH                      00002:Alarm plus ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Pre-Alarm Duration	↑	↑	***** <sup>(1)</sup> :02401 ***** <sup>(2)</sup> : 00000:0 sec                      00001:1 sec                      00002:2 sec 00003:3 sec                      00004:4 sec                      00005:5 sec 00006:6 sec                      00007:7 sec                      00008:8 sec 00009:9 sec                      00010:10 sec                      00015:15 sec 00020:20 sec                      00030:30 sec                      00040:40 sec 00050:50 sec                      00060:60 sec                      00090:90 sec 00120:120 sec                      00150:150 sec                      00180:180 sec ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Post-Alarm Duration	↑	↑	***** <sup>(1)</sup> :02402 ***** <sup>(2)</sup> : 00000:Manual                      00002:2 sec                      00005:5 sec 00010:10 sec                      00015:15 sec                      00030:30 sec 00045:45 sec                      00060:1 min                      00120:2 min 00300:5 min                      00600:10 min                      00900:15 min 01200:20 min                      01800:30 min ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Alarm Camera Setting	↑	↑	***** <sup>(1)</sup> :02467-02722 02467-02482:sensor number 1/camera number CH1-CH16 02483-02498:sensor number 2/camera number CH1-CH16 02499-02514:sensor number 3/camera number CH1-CH16 02515-02530:sensor number 4/camera number CH1-CH16 02531-02546:sensor number 5/camera number CH1-CH16 02547-02562:sensor number 6/camera number CH1-CH16 02563-02578:sensor number 7/camera number CH1-CH16 02579-02594:sensor number 8/camera number CH1-CH16 02595-02610:sensor number 9/camera number CH1-CH16 02611-02626:sensor number 10/camera number CH1-CH16 02627-02642:sensor number 11/camera number CH1-CH16 02643-02658:sensor number 12/camera number CH1-CH16 02659-02674:sensor number 13/camera number CH1-CH16 02675-02690:sensor number 14/camera number CH1-CH16 02691-02706:sensor number 15/camera number CH1-CH16 02707-02722:sensor number 16/camera number CH1-CH16 ***** <sup>(2)</sup> : 00000:Off                                      00001:On ** <sup>(3)</sup> :Error type (Refer to page 4.)
Alarm Trigger In/Out	Trigger	↑	↑	***** <sup>(1)</sup> :02723-02738 02723:CH1                      02724:CH2                      02725:CH3 02726:CH4                      02727:CH5                      02728:CH6 02729:CH7                      02730:CH8                      02731:CH9 02732:CH10                      02733:CH11                      02734:CH12 02735:CH13                      02736:CH14                      02737:CH15 02738:CH16 ***** <sup>(2)</sup> :00000-00006 00000:External / MD-A                      00001:External / MD-B 00002:External & MD-A                      00003:External & MD-B 00004:External                                      00005:MD-A 00006:MD-B ** <sup>(3)</sup> :Error type (Refer to page 4.)
	PTZ Camera Preset	↑	↑	***** <sup>(1)</sup> :02780-02795 02780:CH1                      02781:CH2                      02782:CH3 02783:CH4                      02784:CH5                      02785:CH6 02786:CH7                      02787:CH8                      02788:CH9 02789:CH10                      02790:CH11                      02791:CH12 02792:CH13                      02793:CH14                      02794:CH15 02795:CH16 ***** <sup>(2)</sup> :00000-00016 00000:- - -                                      00001:Preset1 00002:Preset2                                      00003:Preset3 00004:Preset4                                      00005:Preset5 00006:Preset6                                      00007:Preset7 00008:Preset8                                      00009:Preset9 00010:Preset10                                      00011:Preset11 00012:Preset12                                      00013:Preset13 00014:Preset14                                      00015:Preset15 00016:Preset16 ** <sup>(3)</sup> :Error type (Refer to page 4.)

Set Recording Pattern B (Timer) (continued)

# Command code table (continued)

## ◆ RS-232C [Direct operation specification] menu setting command form <Record> (5/9)

Menu	Menu item	Command	Status	Note	
Set Recording Pattern C (Timer)	Normal Recording Menu	Frame / Field	<Menu setting> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [F1] <Inquiry for setting information> DR,***** <sup>(1)</sup> [F1]	<Writing of menu information> RC [F2] EX,** <sup>(3)</sup> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [F2] <Reading of menu information> RC [F2] EX,** <sup>(3)</sup> DR,***** <sup>(1)</sup> ,***** <sup>(2)</sup> [F2]	***** <sup>(1)</sup> :03139-03154 03139:CH1      03140:CH2      03141:CH3 03142:CH4      03143:CH5      03144:CH6 03145:CH7      03146:CH8      03147:CH9 03148:CH10      03149:CH11      03150:CH12 03151:CH13      03152:CH14      03153:CH15 03154:CH16 ***** <sup>(2)</sup> : 00000:Field      00001:Frame ** <sup>(3)</sup> :Error type (Refer to page 4.)
		Recording Rate	↑	↑	***** <sup>(1)</sup> :02803-02818 02803:CH1      02804:CH2      02805:CH3 02806:CH4      02807:CH5      02808:CH6 02809:CH7      02810:CH8      02811:CH9 02812:CH10      02813:CH11      02814:CH12 02815:CH13      02816:CH14      02817:CH15 02818:CH16 ***** <sup>(2)</sup> : <For DX-TL5000E> 00002:25 pps      00004:12.5 pps      00006:8.333 pps 00008:6.25 pps      00010:5 pps      00012:4.167 pps 00016:3.125 pps      00020:2.5 pps      00050:1 pps 00100:0.5 pps      00200:0.25 pps      00400:0.125 pps 65535:- - - - <For DX-TL5000U> 00002:30 pps      00004:15 pps      00006:10 pps 00008:7.5 pps      00010:6 pps      00012:5 pps 00020:3 pps      00030:2 pps      00060:1 pps 00120:0.5 pps      00240:0.25 pps      00480:0.125 pps 65535:- - - - ** <sup>(3)</sup> :Error type (Refer to page 4.)
		Picture Grade	↑	↑	***** <sup>(1)</sup> :02819-02834 02819:CH1      02820:CH2      02821:CH3 02822:CH4      02823:CH5      02824:CH6 02825:CH7      02826:CH8      02827:CH9 02828:CH10      02829:CH11      02830:CH12 02831:CH13      02832:CH14      02833:CH15 02834:CH16 ***** <sup>(2)</sup> :00000-00005 00000:Super      00001:Fine      00002:High 00003:Standard      00004:Basic      00005:Long ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Alarm Recording Menu	Frame / Field	↑	↑	***** <sup>(1)</sup> :03155-03170 03155:CH1      03156:CH2      03157:CH3 03158:CH4      03159:CH5      03160:CH6 03161:CH7      03162:CH8      03163:CH9 03164:CH10      03165:CH11      03166:CH12 03167:CH13      03168:CH14      03169:CH15 03170:CH16 ***** <sup>(2)</sup> : 00000:Field      00001:Frame ** <sup>(3)</sup> :Error type (Refer to page 4.)
		Recording Rate	↑	↑	***** <sup>(1)</sup> :02835-02850 02835:CH1      02836:CH2      02837:CH3 02838:CH4      02839:CH5      02840:CH6 02841:CH7      02842:CH8      02843:CH9 02844:CH10      02845:CH11      02846:CH12 02847:CH13      02848:CH14      02849:CH15 02850:CH16 ***** <sup>(2)</sup> : <For DX-TL5000E> 00002:25 pps      00004:12.5 pps      00006:8.333 pps 00008:6.25 pps      00010:5 pps      00012:4.167 pps 00016:3.125 pps      00020:2.5 pps      00050:1 pps 00100:0.5 pps      00200:0.25 pps      00400:0.125 pps 65535:- - - - <For DX-TL5000U> 00002:30 pps      00004:15 pps      00006:10 pps 00008:7.5 pps      00010:6 pps      00012:5 pps 00020:3 pps      00030:2 pps      00060:1 pps 00120:0.5 pps      00240:0.25 pps      00480:0.125 pps 65535:- - - - ** <sup>(3)</sup> :Error type (Refer to page 4.)
		Picture Grade	↑	↑	***** <sup>(1)</sup> :02851-02866 02851:CH1      02852:CH2      02853:CH3 02854:CH4      02855:CH5      02856:CH6 02857:CH7      02858:CH8      02859:CH9 02860:CH10      02861:CH11      02862:CH12 02863:CH13      02864:CH14      02865:CH15 02866:CH16 ***** <sup>(2)</sup> :00000-00005 00000:Super      00001:Fine      00002:High 00003:Standard      00004:Basic      00005:Long ** <sup>(3)</sup> :Error type (Refer to page 4.)

# Command code table (continued)

## ◆ RS-232C [Direct operation specification] menu setting command form <Record> (6/9)

Menu	Menu item	Command	Status	Note
Alarm Recording Menu	Motion Detection Recording	<Menu setting> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [E1] <Inquiry for setting information> DR,***** <sup>(1)</sup> [E1]	<Writing of menu information> RC [E2] EX,** <sup>(3)</sup> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [E2] <Reading of menu information> RC [E2] EX,** <sup>(3)</sup> DR,***** <sup>(1)</sup> ,***** <sup>(2)</sup> [E2]	***** <sup>(1)</sup> :03196 ***** <sup>(2)</sup> : 00000:Normal                      00001:Alarm ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Alarm Mode	↑	↑	***** <sup>(1)</sup> :02800 ***** <sup>(2)</sup> : 00001:Alarm CH                      00002:Alarm plus ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Pre-Alarm Duration	↑	↑	***** <sup>(1)</sup> :02801 ***** <sup>(2)</sup> : 00000:0 sec                      00001:1 sec                      00002:2 sec 00003:3 sec                      00004:4 sec                      00005:5 sec 00006:6 sec                      00007:7 sec                      00008:8 sec 00009:9 sec                      00010:10 sec                      00015:15 sec 00020:20 sec                      00030:30 sec                      00040:40 sec 00050:50 sec                      00060:60 sec                      00090:90 sec 00120:120 sec                      00150:150 sec                      00180:180 sec ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Post-Alarm Duration	↑	↑	***** <sup>(1)</sup> :02802 ***** <sup>(2)</sup> : 00000:Manual                      00002:2 sec                      00005:5 sec 00010:10 sec                      00015:15 sec                      00030:30 sec 00045:45 sec                      00060:1 min                      00120:2 min 00300:5 min                      00600:10 min                      00900:15 min 01200:20 min                      01800:30 min                      03600:60 min ** <sup>(3)</sup> :Error type (Refer to page 4.)
Alarm Camera Setting	↑	↑	***** <sup>(1)</sup> :02867-03122 02867-02882:sensor number 1/camera number CH1-CH16 02883-02898:sensor number 2/camera number CH1-CH16 02899-02914:sensor number 3/camera number CH1-CH16 02915-02930:sensor number 4/camera number CH1-CH16 02931-02946:sensor number 5/camera number CH1-CH16 02947-02962:sensor number 6/camera number CH1-CH16 02963-02978:sensor number 7/camera number CH1-CH16 02979-02994:sensor number 8/camera number CH1-CH16 02995-03010:sensor number 9/camera number CH1-CH16 03011-03026:sensor number 10/camera number CH1-CH16 03027-03042:sensor number 11/camera number CH1-CH16 03043-03058:sensor number 12/camera number CH1-CH16 03059-03074:sensor number 13/camera number CH1-CH16 03075-03090:sensor number 14/camera number CH1-CH16 03091-03106:sensor number 15/camera number CH1-CH16 03107-03122:sensor number 16/camera number CH1-CH16 ***** <sup>(2)</sup> : 00000:Off                                      00001:On ** <sup>(3)</sup> :Error type (Refer to page 4.)	
Alarm Trigger In/Out	Trigger	↑	↑	***** <sup>(1)</sup> :03123-03138 03123:CH1                      03124:CH2                      03125:CH3 03126:CH4                      03127:CH5                      03128:CH6 03129:CH7                      03130:CH8                      03131:CH9 03132:CH10                      03133:CH11                      03134:CH12 03135:CH13                      03136:CH14                      03137:CH15 03138:CH16 ***** <sup>(2)</sup> :00000-00006 00000:External / MD-A                      00001:External / MD-B 00002:External & MD-A                      00003:External & MD-B 00004:External                                      00005:MD-A 00006:MD-B ** <sup>(3)</sup> :Error type (Refer to page 4.)
	PTZ Camera Preset	↑	↑	***** <sup>(1)</sup> :03180-03195 03180:CH1                      03181:CH2                      03182:CH3 03183:CH4                      03184:CH5                      03185:CH6 03186:CH7                      03187:CH8                      03188:CH9 03189:CH10                      03190:CH11                      03191:CH12 03192:CH13                      03193:CH14                      03194:CH15 03195:CH16 ***** <sup>(2)</sup> :00000-00016 00000:- - -                                      00001:Preset1 00002:Preset2                                      00003:Preset3 00004:Preset4                                      00005:Preset5 00006:Preset6                                      00007:Preset7 00008:Preset8                                      00009:Preset9 00010:Preset10                                      00011:Preset11 00012:Preset12                                      00013:Preset13 00014:Preset14                                      00015:Preset15 00016:Preset16 ** <sup>(3)</sup> :Error type (Refer to page 4.)

Set Recording Pattern C (Timer) (continued)

# Command code table (continued)

## ◆ RS-232C [Direct operation specification] menu setting command form <Record> (7/9)

Menu	Menu item	Command	Status	Note	
Set Recording Pattern D (Timer)	Normal Recording Menu	Frame / Field	<Menu setting> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [E1] <Inquiry for setting information> DR,***** <sup>(1)</sup> [E1]	<Writing of menu information> RC [E2] EX,** <sup>(3)</sup> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [E2] <Reading of menu information> RC [E2] EX,** <sup>(3)</sup> DR,***** <sup>(1)</sup> ***** <sup>(2)</sup> [E2]	***** <sup>(1)</sup> :03539-03554 03539:CH1      03540:CH2      03541:CH3 03542:CH4      03543:CH5      03544:CH6 03545:CH7      03546:CH8      03547:CH9 03548:CH10      03549:CH11      03550:CH12 03551:CH13      03552:CH14      03553:CH15 03554:CH16 ***** <sup>(2)</sup> : 00000:Field      00001:Frame ** <sup>(3)</sup> :Error type (Refer to page 4.)
		Recording Rate	↑	↑	***** <sup>(1)</sup> :03203-03218 03203:CH1      03204:CH2      03205:CH3 03206:CH4      03207:CH5      03208:CH6 03209:CH7      03210:CH8      03211:CH9 03212:CH10      03213:CH11      03214:CH12 03215:CH13      03216:CH14      03217:CH15 03218:CH16 ***** <sup>(2)</sup> : <For DX-TL5000E> 00002:25 pps      00004:12.5 pps      00006:8.333 pps 00008:6.25 pps      00010:5 pps      00012:4.167 pps 00016:3.125 pps      00020:2.5 pps      00050:1 pps 00100:0.5 pps      00200:0.25 pps      00400:0.125 pps 65535:- - - - <For DX-TL5000U> 00002:30 pps      00004:15 pps      00006:10 pps 00008:7.5 pps      00010:6 pps      00012:5 pps 00020:3 pps      00030:2 pps      00060:1 pps 00120:0.5 pps      00240:0.25 pps      00480:0.125 pps 65535:- - - - ** <sup>(3)</sup> :Error type (Refer to page 4.)
		Picture Grade	↑	↑	***** <sup>(1)</sup> :03219-03234 03219:CH1      03220:CH2      03221:CH3 03222:CH4      03223:CH5      03224:CH6 03225:CH7      03226:CH8      03227:CH9 03228:CH10      03229:CH11      03230:CH12 03231:CH13      03232:CH14      03233:CH15 03234:CH16 ***** <sup>(2)</sup> :00000-00005 00000:Super      00001:Fine      00002:High 00003:Standard      00004:Basic      00005:Long ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Alarm Recording Menu	Frame / Field	↑	↑	***** <sup>(1)</sup> :03555-03570 03555:CH1      03556:CH2      03557:CH3 03558:CH4      03559:CH5      03560:CH6 03561:CH7      03562:CH8      03563:CH9 03564:CH10      03565:CH11      03566:CH12 03567:CH13      03568:CH14      03569:CH15 03570:CH16 ***** <sup>(2)</sup> : 00000:Field      00001:Frame ** <sup>(3)</sup> :Error type (Refer to page 4.)
		Recording Rate	↑	↑	***** <sup>(1)</sup> :03235-03250 03235:CH1      03236:CH2      03237:CH3 03238:CH4      03239:CH5      03240:CH6 03241:CH7      03242:CH8      03243:CH9 03244:CH10      03245:CH11      03246:CH12 03247:CH13      03248:CH14      03249:CH15 03250:CH16 ***** <sup>(2)</sup> : <For DX-TL5000E> 00002:25 pps      00004:12.5 pps      00006:8.333 pps 00008:6.25 pps      00010:5 pps      00012:4.167 pps 00016:3.125 pps      00020:2.5 pps      00050:1 pps 00100:0.5 pps      00200:0.25 pps      00400:0.125 pps 65535:- - - - <For DX-TL5000U> 00002:30 pps      00004:15 pps      00006:10 pps 00008:7.5 pps      00010:6 pps      00012:5 pps 00020:3 pps      00030:2 pps      00060:1 pps 00120:0.5 pps      00240:0.25 pps      00480:0.125 pps 65535:- - - - ** <sup>(3)</sup> :Error type (Refer to page 4.)
		Picture Grade	↑	↑	***** <sup>(1)</sup> :03251-03266 03251:CH1      03252:CH2      03253:CH3 03254:CH4      03255:CH5      03256:CH6 03257:CH7      03258:CH8      03259:CH9 03260:CH10      03261:CH11      03262:CH12 03263:CH13      03264:CH14      03265:CH15 03266:CH16 ***** <sup>(2)</sup> :00000-00005 00000:Super      00001:Fine      00002:High 00003:Standard      00004:Basic      00005:Long ** <sup>(3)</sup> :Error type (Refer to page 4.)

# Command code table (continued)

## ◆ RS-232C [Direct operation specification] menu setting command form <Record> (8/9)

Menu	Menu item	Command	Status	Note
Alarm Recording Menu	Motion Detection Recording	<Menu setting> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [E1] <Inquiry for setting information> DR,***** <sup>(1)</sup> [E1]	<Writing of menu information> RC [E2] EX,** <sup>(3)</sup> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [E2] <Reading of menu information> RC [E2] EX,** <sup>(3)</sup> DR,***** <sup>(1)</sup> ,***** <sup>(2)</sup> [E2]	***** <sup>(1)</sup> :03596 ***** <sup>(2)</sup> : 0000:Normal                      00001:Alarm ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Alarm Mode	↑	↑	***** <sup>(1)</sup> :03200 ***** <sup>(2)</sup> : 00001:Alarm CH                      00002:Alarm plus ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Pre-Alarm Duration	↑	↑	***** <sup>(1)</sup> :03201 ***** <sup>(2)</sup> : 0000:0 sec                      00001:1 sec                      00002:2 sec 00003:3 sec                      00004:4 sec                      00005:5 sec 00006:6 sec                      00007:7 sec                      00008:8 sec 00009:9 sec                      00010:10 sec                      00015:15 sec 00020:20 sec                      00030:30 sec                      00040:40 sec 00050:50 sec                      00060:60 sec                      00090:90 sec 00120:120 sec                      00150:150 sec                      00180:180 sec ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Post-Alarm Duration	↑	↑	***** <sup>(1)</sup> :03202 ***** <sup>(2)</sup> : 0000:Manual                      00002:2 sec                      00005:5 sec 00010:10 sec                      00015:15 sec                      00030:30 sec 00045:45 sec                      00060:1 min                      00120:2 min 00300:5 min                      00600:10 min                      00900:15 min 01200:20 min                      01800:30 min                      03600:60 min ** <sup>(3)</sup> :Error type (Refer to page 4.)
Alarm Camera Setting	↑	↑	***** <sup>(1)</sup> :03267-03522 03267-03282:sensor number 1/camera number CH1-CH16 03283-03298:sensor number 2/camera number CH1-CH16 03299-03314:sensor number 3/camera number CH1-CH16 03315-03330:sensor number 4/camera number CH1-CH16 03331-03346:sensor number 5/camera number CH1-CH16 03347-03362:sensor number 6/camera number CH1-CH16 03363-03378:sensor number 7/camera number CH1-CH16 03379-03394:sensor number 8/camera number CH1-CH16 03395-03410:sensor number 9/camera number CH1-CH16 03411-03426:sensor number 10/camera number CH1-CH16 03427-03442:sensor number 11/camera number CH1-CH16 03443-03458:sensor number 12/camera number CH1-CH16 03459-03474:sensor number 13/camera number CH1-CH16 03475-03490:sensor number 14/camera number CH1-CH16 03491-03506:sensor number 15/camera number CH1-CH16 03507-03522:sensor number 16/camera number CH1-CH16 ***** <sup>(2)</sup> : 00000:Off                                      00001:On ** <sup>(3)</sup> :Error type (Refer to page 4.)	
Alarm Trigger In/Out	Trigger	↑	↑	***** <sup>(1)</sup> :03523-03538 03523:CH1                      03524:CH2                      03525:CH3 03526:CH4                      03527:CH5                      03528:CH6 03529:CH7                      03530:CH8                      03531:CH9 03532:CH10                      03533:CH11                      03534:CH12 03535:CH13                      03536:CH14                      03537:CH15 03538:CH16 ***** <sup>(2)</sup> :00000-00006 00000:External / MD-A                      00001:External / MD-B 00002:External & MD-A                      00003:External & MD-B 00004:External                                      00005:MD-A 00006:MD-B ** <sup>(3)</sup> :Error type (Refer to page 4.)
	PTZ Camera Preset	↑	↑	***** <sup>(1)</sup> :03580-03595 03580:CH1                      03581:CH2                      03582:CH3 03583:CH4                      03584:CH5                      03585:CH6 03586:CH7                      03587:CH8                      03588:CH9 03589:CH10                      03590:CH11                      03591:CH12 03592:CH13                      03593:CH14                      03594:CH15 03595:CH16 ***** <sup>(2)</sup> :00000-00016 00000:- - -                                      00001:Preset1 00002:Preset2                                      00003:Preset3 00004:Preset4                                      00005:Preset5 00006:Preset6                                      00007:Preset7 00008:Preset8                                      00009:Preset9 00010:Preset10                                      00011:Preset11 00012:Preset12                                      00013:Preset13 00014:Preset14                                      00015:Preset15 00016:Preset16 ** <sup>(3)</sup> :Error type (Refer to page 4.)

Set Recording Pattern D (Timer) (continued)

# Command code table (continued)

## ◆ RS-232C [Direct operation specification] menu setting command form <Record> (9/9)

Menu	Menu item	Command	Status	Note
Emergency Recording Setup	Frame / Field	<Menu setting> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [F1] <Inquiry for setting information> DR,***** <sup>(1)</sup> [F1]	<Writing of menu information> RC [F2] EX,** <sup>(3)</sup> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [F2] <Reading of menu information> RC [F2] EX,** <sup>(3)</sup> DR,***** <sup>(1)</sup> ,***** <sup>(2)</sup> [F2]	***** <sup>(1)</sup> :03618 ***** <sup>(2)</sup> : 00000:Field 00001:Frame ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Pre-alarm Duration	↑	↑	***** <sup>(1)</sup> :03600 ***** <sup>(2)</sup> : 00000:0 min 00060:1 min 00120:2 min 00180:3 min 00240:4 min 00300:5 min 00600:10 min 00900:15 min 01200:20 min 01800:30 min 02400:40 min 03000:50 min 03600:60 min ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Post-alarm Duration	↑	↑	***** <sup>(1)</sup> :03601 ***** <sup>(2)</sup> : 00060:1 min 00120:2 min 00180:3 min 00240:4 min 00300:5 min 00600:10 min 00900:15 min 01200:20 min 01800:30 min 02400:40 min 03000:50 min 03600:60 min ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Maximum Recording Rate for All Cameras	↑	↑	***** <sup>(1)</sup> :03619 ***** <sup>(2)</sup> : <For DX-TL5000E> 00050:50 pps 00100:100 pps 00150:150 pps 00200:200 pps <For DX-TL5000U> 00060:60 pps 00120:120 pps 00180:180 pps 00240:240 pps ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Camera Setting	↑	↑	***** <sup>(1)</sup> :03602-03617 03602:CH1 03603:CH2 03604:CH3 03605:CH4 03606:CH5 03607:CH6 03608:CH7 03609:CH8 03610:CH9 03611:CH10 03612:CH11 03613:CH12 03614:CH13 03615:CH14 03616:CH15 03617:CH16 ***** <sup>(2)</sup> : 00000:Off 00001:On ** <sup>(3)</sup> :Error type (Refer to page 4.)
Audio Recording Setup	Audio Record	↑	↑	***** <sup>(1)</sup> :03700-03703 03700:Channel 1 03701:Channel 2 03702:Channel 3 03703:Channel 4 ***** <sup>(2)</sup> : 00000:Off 00001:On ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Audio Recording Mode	↑	↑	***** <sup>(1)</sup> :03704 ***** <sup>(2)</sup> : 00000:Normal 00001:Alarm ** <sup>(3)</sup> :Error type (Refer to page 4.)

# Command code table (continued)

## ◆ RS-232C [Direct operation specification] menu setting command form <Timer> (1/3)

Menu	Menu item	Command	Status	Note
Program Selection and Program Overview	Select program number to be used	<Menu setting> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [F1] <Inquiry for setting information> DR,***** <sup>(1)</sup> [F1]	<Writing of menu information> RC [F2] EX,** <sup>(3)</sup> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [F2] <Reading of menu information> RC [F2] EX,** <sup>(3)</sup> DR,***** <sup>(1)</sup> ,***** <sup>(2)</sup> [F2]	***** <sup>(1)</sup> :12200 ***** <sup>(2)</sup> : 00000:Program 1 00001:Program 2 ** <sup>(3)</sup> :Error type (Refer to page 4.)
Configure Timer Program 1	Day of The Week	↑	↑	***** <sup>(1)</sup> : 12205:Line 1 12220:Line 2 12235:Line 3 12250:Line 4 12265:Line 5 12280:Line 6 12295:Line 7 12310:Line 8 ***** <sup>(2)</sup> : 00000:Sunday 00001:Monday 00002:Tuesday 00003:Wednesday 00004:Thursday 00005:Friday 00006:Saturday 00010:Special 00011:Holiday 00012:Everyday 00255:- - ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Start time/hour	↑	↑	***** <sup>(1)</sup> : 12206:Line 1 12221:Line 2 12236:Line 3 12251:Line 4 12266:Line 5 12281:Line 6 12296:Line 7 12311:Line 8 ***** <sup>(2)</sup> : 00000-00023:00-23 (hour) 00255:- - ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Start time/minute	↑	↑	***** <sup>(1)</sup> : 12207:Line 1 12222:Line 2 12237:Line 3 12252:Line 4 12267:Line 5 12282:Line 6 12297:Line 7 12312:Line 8 ***** <sup>(2)</sup> : 00000-00059:00-59 (minute) 00255:- - ** <sup>(3)</sup> :Error type (Refer to page 4.)
	End time/hour	↑	↑	***** <sup>(1)</sup> : 12208:Line 1 12223:Line 2 12238:Line 3 12253:Line 4 12268:Line 5 12283:Line 6 12298:Line 7 12313:Line 8 ***** <sup>(2)</sup> : 00000-00023:00-23 (hour) 00255:- - ** <sup>(3)</sup> :Error type (Refer to page 4.)
	End time/minute	↑	↑	***** <sup>(1)</sup> : 12209:Line 1 12224:Line 2 12239:Line 3 12254:Line 4 12269:Line 5 12284:Line 6 12299:Line 7 12314:Line 8 ***** <sup>(2)</sup> : 00000-00059:00-59 (minute) 00255:- - ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Program Mode	↑	↑	***** <sup>(1)</sup> : 12210:Line 1 12225:Line 2 12240:Line 3 12255:Line 4 12270:Line 5 12285:Line 6 12300:Line 7 12315:Line 8 ***** <sup>(2)</sup> : 00001:Record A 00002:Record B 00003:Record C 00004:Record D 00008:Skip 00016:Copy 2 00255:- - ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Motion Detection	↑	↑	***** <sup>(1)</sup> : 12211:Line 1 12226:Line 2 12241:Line 3 12256:Line 4 12271:Line 5 12286:Line 6 12301:Line 7 12316:Line 8 ***** <sup>(2)</sup> : 00000:Off 00001:On 00255:- - ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Special Day/Start (Common to all the lines)	↑	↑	***** <sup>(1)</sup> :12212 ***** <sup>(2)</sup> :00000-00006 00000:Sunday 00001:Monday 00002:Tuesday 00003:Wednesday 00004:Thursday 00005:Friday 00006:Saturday ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Special Day/End (Common to all the lines)	↑	↑	***** <sup>(1)</sup> :12213 ***** <sup>(2)</sup> :00000-00006 00000:Sunday 00001:Monday 00002:Tuesday 00003:Wednesday 00004:Thursday 00005:Friday 00006:Saturday ** <sup>(3)</sup> :Error type (Refer to page 4.)







# Command code table (continued)

## ◆ RS-232C [Direct operation specification] menu setting command form <Timer> (2/3)

Menu	Menu item	Command	Status	Note
Configure Timer Program 2	Day of The Week	<Menu setting> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [E1] <Inquiry for setting information> DR,***** <sup>(1)</sup> [E1]	<Writing of menu information> RC [E2] EX,** <sup>(3)</sup> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [E2] <Reading of menu information> RC [E2] EX,** <sup>(3)</sup> DR,***** <sup>(1)</sup> ,***** <sup>(2)</sup> [E2]	***** <sup>(1)</sup> : 12325:Line 1      12340:Line 2      12355:Line 3 12370:Line 4      12385:Line 5      12400:Line 6 12415:Line 7      12430:Line 8 ***** <sup>(2)</sup> : 00000:Sunday      00001:Monday      00002:Tuesday 00003:Wednesday      00004:Thursday      00005:Friday 00006:Saturday      00010:Special      00011:Holiday 00012:Everyday      00255:- - ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Start time/hour	↑	↑	***** <sup>(1)</sup> : 12326:Line 1      12341:Line 2      12356:Line 3 12371:Line 4      12386:Line 5      12401:Line 6 12416:Line 7      12431:Line 8 ***** <sup>(2)</sup> : 00000-00023:00-23 (hour)      00255:- - ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Start time/minute	↑	↑	***** <sup>(1)</sup> : 12327:Line 1      12342:Line 2      12357:Line 3 12372:Line 4      12387:Line 5      12402:Line 6 12417:Line 7      12432:Line 8 ***** <sup>(2)</sup> : 00000-00059:00-59 (minute)      00255:- - ** <sup>(3)</sup> :Error type (Refer to page 4.)
	End time/hour	↑	↑	***** <sup>(1)</sup> : 12328:Line 1      12343:Line 2      12358:Line 3 12373:Line 4      12388:Line 5      12403:Line 6 12418:Line 7      12433:Line 8 ***** <sup>(2)</sup> : 00000-00023:00-23 (hour)      00255:- - ** <sup>(3)</sup> :Error type (Refer to page 4.)
	End time/minute	↑	↑	***** <sup>(1)</sup> : 12329:Line 1      12344:Line 2      12359:Line 3 12374:Line 4      12389:Line 5      12404:Line 6 12419:Line 7      12434:Line 8 ***** <sup>(2)</sup> : 00000-00059:00-59 (minute)      00255:- - ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Program Mode	↑	↑	***** <sup>(1)</sup> : 12330:Line 1      12345:Line 2      12360:Line 3 12375:Line 4      12390:Line 5      12405:Line 6 12420:Line 7      12435:Line 8 ***** <sup>(2)</sup> : 00001:Record A      00002:Record B 00003:Record C      00004:Record D 00008:Skip      00016:Copy 2 00255:- - ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Motion Detection	↑	↑	***** <sup>(1)</sup> : 12331:Line 1      12346:Line 2      12361:Line 3 12376:Line 4      12391:Line 5      12406:Line 6 12421:Line 7      12436:Line 8 ***** <sup>(2)</sup> : 00000:Off      00001:On      00255:- - ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Special Day/Start (Common to all the Line s)	↑	↑	***** <sup>(1)</sup> :12332 ***** <sup>(2)</sup> :00000-00006 00000:Sunday      00001:Monday      00002:Tuesday 00003:Wednesday      00004:Thursday      00005:Friday 00006:Saturday ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Special Day/End (Common to all the Line s)	↑	↑	***** <sup>(1)</sup> :12333 ***** <sup>(2)</sup> :00000-00006 00000:Sunday      00001:Monday      00002:Tuesday 00003:Wednesday      00004:Thursday      00005:Friday 00006:Saturday ** <sup>(3)</sup> :Error type (Refer to page 4.)

## Command code table (continued)

### ◆ RS-232C [Direct operation specification] menu setting command form <Timer> (3/3)

Menu	Menu item	Command	Status	Note
Define Holidays		<Menu setting> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup>  <Inquiry for setting information> DR,***** <sup>(1)</sup> 	<Writing of menu information> RC  EX,** <sup>(3)</sup> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup>  <Reading of menu information> RC  EX,** <sup>(3)</sup> DR,***** <sup>(1)</sup> ,***** <sup>(2)</sup> 	***** <sup>(1)</sup> :12500-12539 12500:Month 12501:Day (1-1) (horizontal line-vertical line) 12502:Month 12503:Day (1-2) 12504:Month 12505:Day (1-3) 12506:Month 12507:Day (1-4) 12508:Month 12509:Day (2-1) 12510:Month 12511:Day (2-2) 12512:Month 12513:Day (2-3) 12514:Month 12515:Day (2-4) 12516:Month 12517:Day (3-1) 12518:Month 12519:Day (3-2) 12520:Month 12521:Day (3-3) 12522:Month 12523:Day (3-4) 12524:Month 12525:Day (4-1) 12526:Month 12527:Day (4-2) 12528:Month 12529:Day (4-3) 12530:Month 12531:Day (4-4) 12532:Month 12533:Day (5-1) 12534:Month 12535:Day (5-2) 12536:Month 12537:Day (5-3) 12538:Month 12539:Day (5-4) ***** <sup>(2)</sup> : 00001-00012:1-12 (month) 00255:- - 00001-00031:1st-31st (day) 00255:- - ** <sup>(3)</sup> :Error type (Refer to page 4.)

# Command code table (continued)

## ◆ RS-232C [Direct operation specification] menu setting command form <Motion Det>

Menu	Menu item	Command	Status	Note
Set Motion Detection Pattern A	Sensitivity	<Menu setting> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [E1] <Inquiry for setting information> DR,***** <sup>(1)</sup> [E1]	<Writing of menu information> RC [E2] EX,** <sup>(3)</sup> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [E2] <Reading of menu information> RC [E2] EX,** <sup>(3)</sup> DR,***** <sup>(1)</sup> ,***** <sup>(2)</sup> [E2]	***** <sup>(1)</sup> : 04000:1CH      04100:2CH      04200:3CH 04300:4CH      04400:5CH      04500:6CH 04600:7CH      04700:8CH      04800:9CH 04900:10CH     05000:11CH     05100:12CH 05200:13CH     05300:14CH     05400:15CH 05500:16CH ***** <sup>(2)</sup> :00000-00004 00000:Low      00001:Mid Low      00002:Mid 00003:Mid High      00004:High ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Motion Threshold	↑	↑	***** <sup>(1)</sup> : 04001:1CH      04101:2CH      04201:3CH 04301:4CH      04401:5CH      04501:6CH 04601:7CH      04701:8CH      04801:9CH 04901:10CH     05001:11CH     05101:12CH 05201:13CH     05301:14CH     05401:15CH 05501:16CH <For DX-TL5000E> ***** <sup>(2)</sup> :00001-00506 (point) <For DX-TL5000U> ***** <sup>(2)</sup> :00001-00418 (point) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Reference Interval Time	↑	↑	***** <sup>(1)</sup> : 04002:1CH      04102:2CH      04202:3CH 04302:4CH      04402:5CH      04502:6CH 04602:7CH      04702:8CH      04802:9CH 04902:10CH     05002:11CH     05102:12CH 05202:13CH     05302:14CH     05402:15CH 05502:16CH ***** <sup>(2)</sup> : 00025:0.25 sec      00050:0.5 sec      00100:1 sec 00200:2 sec ** <sup>(3)</sup> :Error type (Refer to page 4.)
Set Motion Detection Pattern B	Sensitivity	↑	↑	***** <sup>(1)</sup> : 05600:1CH      05700:2CH      05800:3CH 05900:4CH      06000:5CH      06100:6CH 06200:7CH      06300:8CH      06400:9CH 06500:10CH     06600:11CH     06700:12CH 06800:13CH     06900:14CH     07000:15CH 07100:16CH ***** <sup>(2)</sup> :00000-00004 00000:Low      00001:Mid Low      00002:Mid 00003:Mid High      00004:High ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Motion Threshold	↑	↑	***** <sup>(1)</sup> : 05601:1CH      05701:2CH      05801:3CH 05901:4CH      06001:5CH      06101:6CH 06201:7CH      06301:8CH      06401:9CH 06501:10CH     06601:11CH     06701:12CH 06801:13CH     06901:14CH     07001:15CH 07101:16CH <For DX-TL5000E> ***** <sup>(2)</sup> :00001-00506 (point) <For DX-TL5000U> ***** <sup>(2)</sup> :00001-00418 (point) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Reference Interval Time	↑	↑	***** <sup>(1)</sup> : 05602:1CH      05702:2CH      05802:3CH 05902:4CH      06002:5CH      06102:6CH 06202:7CH      06302:8CH      06402:9CH 06502:10CH     06602:11CH     06702:12CH 06802:13CH     06902:14CH     07002:15CH 07102:16CH ***** <sup>(2)</sup> : 00025:0.25 sec      00050:0.5 sec      00100:1 sec 00200:2 sec ** <sup>(3)</sup> :Error type (Refer to page 4.)

# Command code table (continued)

## ◆ RS-232C [Direct operation specification] menu setting command form <System> (1/7)

Menu	Menu item	Command	Status	Note	
Time/Date Setting	year	<Menu setting> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [F1] <Inquiry for setting information> DR,***** <sup>(1)</sup> [F1]	<Writing of menu information> RC [F2] EX,** <sup>(3)</sup> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [F2] <Reading of menu information> RC [F2] EX,** <sup>(3)</sup> DR,***** <sup>(1)</sup> ,***** <sup>(2)</sup> [F2]	***** <sup>(1)</sup> :00010 ***** <sup>(2)</sup> :00001-00037 (year 2001-2037) ** <sup>(3)</sup> :Error type (Refer to page 4.)	
	month	↑	↑	***** <sup>(1)</sup> :00011 ***** <sup>(2)</sup> :00001-00012 (January-December) ** <sup>(3)</sup> :Error type (Refer to page 4.)	
	day	↑	↑	***** <sup>(1)</sup> :00012 ***** <sup>(2)</sup> :00001-00031 (1st-31st) ** <sup>(3)</sup> :Error type (Refer to page 4.)	
	hour	↑	↑	***** <sup>(1)</sup> :00013 ***** <sup>(2)</sup> :00000-00023 (hour 00-23) ** <sup>(3)</sup> :Error type (Refer to page 4.)	
	minute	↑	↑	***** <sup>(1)</sup> :00014 ***** <sup>(2)</sup> :00000-00059 (minute 00-59) ** <sup>(3)</sup> :Error type (Refer to page 4.)	
	second	↑	↑	***** <sup>(1)</sup> :00015 ***** <sup>(2)</sup> :00000-00059 (second 00-59) ** <sup>(3)</sup> :Error type (Refer to page 4.)	
Day Light Saving Setting	Day Light Saving Setting	↑	↑	***** <sup>(1)</sup> :00016 ***** <sup>(2)</sup> : 00000:Off                    00001:Auto ** <sup>(3)</sup> :Error type (Refer to page 4.)	
	In/Day of week	↑	↑	***** <sup>(1)</sup> :00017 ***** <sup>(2)</sup> :00000-00006 00000:Sunday    00001:Monday    00002:Tuesday 00003:Wednesday    00004:Thursday    00005:Friday 00006:Saturday ** <sup>(3)</sup> :Error type (Refer to page 4.)	
	In/Week	↑	↑	***** <sup>(1)</sup> :00018 ***** <sup>(2)</sup> :00001-00005 00001:1st                    00002:2nd                    00003:3rd 00004:4th                    00005:Last ** <sup>(3)</sup> :Error type (Refer to page 4.)	
	In/Month	↑	↑	***** <sup>(1)</sup> :00019 ***** <sup>(2)</sup> :00001-00012 00001:Jan                    00002:Feb                    00003:Mar 00004:Apr                    00005:May                    00006:Jun 00007:Jul                    00008:Aug                    00009:Sep 00010:Oct                    00011:Nov                    00012:Dec ** <sup>(3)</sup> :Error type (Refer to page 4.)	
	In/Hour	↑	↑	***** <sup>(1)</sup> :00020 ***** <sup>(2)</sup> :00000-00023 (hour 00-23) ** <sup>(3)</sup> :Error type (Refer to page 4.)	
	In/Minute	↑	↑	***** <sup>(1)</sup> :00021 ***** <sup>(2)</sup> :00000-00059 (minute 00-59) ** <sup>(3)</sup> :Error type (Refer to page 4.)	
	Out/Day of week	↑	↑	***** <sup>(1)</sup> :00022 ***** <sup>(2)</sup> :00000-00006 00000:Sunday    00001:Monday    00002:Tuesday 00003:Wednesday    00004:Thursday    00005:Friday 00006:Saturday ** <sup>(3)</sup> :Error type (Refer to page 4.)	
	Out/Week	↑	↑	***** <sup>(1)</sup> :00023 ***** <sup>(2)</sup> :00001-00005 00001:1st                    00002:2nd                    00003:3rd 00004:4th                    00005:Last ** <sup>(3)</sup> :Error type (Refer to page 4.)	
	Out/Month	↑	↑	***** <sup>(1)</sup> :00024 ***** <sup>(2)</sup> :00001-00012 00001:Jan                    00002:Feb                    00003:Mar 00004:Apr                    00005:May                    00006:Jun 00007:Jul                    00008:Aug                    00009:Sep 00010:Oct                    00011:Nov                    00012:Dec ** <sup>(3)</sup> :Error type (Refer to page 4.)	
	Out/Hour	↑	↑	***** <sup>(1)</sup> :00025 ***** <sup>(2)</sup> :00000-00023 (hour 00-23) ** <sup>(3)</sup> :Error type (Refer to page 4.)	
	Out/Minute	↑	↑	***** <sup>(1)</sup> :00026 ***** <sup>(2)</sup> :00000-00059 (minute 00-59) ** <sup>(3)</sup> :Error type (Refer to page 4.)	

# Command code table (continued)

## ◆ RS-232C [Direct operation specification] menu setting command form <System> (2/7)

Menu	Menu item	Command	Status	Note	
Menu Language Selection		<Menu setting> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [F1] <Inquiry for setting information> DR,***** <sup>(1)</sup> [F1]	<Writing of menu information> RC [F2] EX,** <sup>(3)</sup> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [F2] <Reading of menu information> RC [F2] EX,** <sup>(3)</sup> DR,***** <sup>(1)</sup> ,***** <sup>(2)</sup> [F2]	***** <sup>(1)</sup> :0000 <For DX-TL5000E> ***** <sup>(2)</sup> : 00032:ENGLISH 00033:FRANÇAIS 00034:DEUTSCH 00035:ESPAÑOL 00036:РУССКИЙ 00037:ITALIANO <For DX-TL5000U> ***** <sup>(2)</sup> : 00016:ENGLISH 00017:FRANÇAIS 00018:ESPAÑOL ** <sup>(3)</sup> :Error type (Refer to page 4.)	
Rear Terminal Setting	Mode Out Settings	Trigger	↑	↑	***** <sup>(1)</sup> :00040-00043 00040:Mode Out 1 00041:Mode Out 2 00042:Mode Out 3 00043:Mode Out 4 ***** <sup>(2)</sup> : 00000:Off 00001:Recording 00002:Playing 00003:Low Memory 00004:Power 00009:Alarm 00010:LAN ** <sup>(3)</sup> :Error type (Refer to page 4.)
		Polarity	↑	↑	***** <sup>(1)</sup> :00036-00039 00036:Mode Out 1 00037:Mode Out 2 00038:Mode Out 3 00039:Mode Out 4 ***** <sup>(2)</sup> : 00000:Open 00001:Close ** <sup>(3)</sup> :Error type (Refer to page 4.)
		Low Memory Alarm Setting/ Device	↑	↑	***** <sup>(1)</sup> :00044 ***** <sup>(2)</sup> :00000-00004 00000:Off 00001:Main-Normal 00002:Main-Alarm 00003:Copy 2 00004:Main-LPA ** <sup>(3)</sup> :Error type (Refer to page 4.)
		Low Memory Alarm Setting/ Low Memory	↑	↑	***** <sup>(1)</sup> :00045 ***** <sup>(2)</sup> : 00002:2% 00004:4% 00006:6% 00008:8% 00010:10% 00015:15% 00020:20% 00030:30% 00040:40% 00050:50% ** <sup>(3)</sup> :Error type (Refer to page 4.)
		Call out Settings	↑	↑	***** <sup>(1)</sup> :00050-00053 00050:Normal Recording Area 00051:Alarm Recording Area 00052:LPA Recording Area 00053:Copy 2 ***** <sup>(2)</sup> : 00000:0% 00002:2% 00004:4% 00006:6% 00008:8% 00010:10% 00015:15% 00020:20% 00030:30% 00040:40% 00050:50% 00255:Off ** <sup>(3)</sup> :Error type (Refer to page 4.)
		Key Sound	↑	↑	***** <sup>(1)</sup> :00046 ***** <sup>(2)</sup> : 00000:Off 00001:On ** <sup>(3)</sup> :Error type (Refer to page 4.)
		Buzzer	↑	↑	***** <sup>(1)</sup> :00047 ***** <sup>(2)</sup> :00000-00004 00000:Off 00001:Remain 00002:Warning 00003:Alarm 00004:LAN ** <sup>(3)</sup> :Error type (Refer to page 4.)

# Command code table (continued)

## ◆ RS-232C [Direct operation specification] menu setting command form <System> (3/7)

Menu	Menu item	Command	Status	Note																																	
Multiplexer Setting	Split 4 screen	<Menu setting> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [F1] <Inquiry for setting information> DR,***** <sup>(1)</sup> [F1]	<Writing of menu information> RC [E] EX,** <sup>(3)</sup> DR,***** <sup>(1)</sup> ***** <sup>(2)</sup> [E] <Reading of menu information> RC [E] EX,** <sup>(3)</sup> DR,***** <sup>(1)</sup> ***** <sup>(2)</sup> [E]	<Split 4a screen> ***** <sup>(1)</sup> :01100-01103 <table border="1"> <tr><td>01100</td><td>01101</td></tr> <tr><td>01102</td><td>01103</td></tr> </table>	01100	01101	01102	01103	<Split 4b screen> ***** <sup>(1)</sup> :01104-01107 <table border="1"> <tr><td>01104</td><td>01105</td></tr> <tr><td>01106</td><td>01107</td></tr> </table>	01104	01105	01106	01107																								
				01100	01101																																
				01102	01103																																
				01104	01105																																
01106	01107																																				
<Split 4c screen> ***** <sup>(1)</sup> :01108-01111 <table border="1"> <tr><td>01108</td><td>01109</td></tr> <tr><td>01110</td><td>01111</td></tr> </table>	01108	01109	01110	01111	<Split 4d screen> ***** <sup>(1)</sup> :01112-01115 <table border="1"> <tr><td>01112</td><td>01113</td></tr> <tr><td>01114</td><td>01115</td></tr> </table>	01112	01113	01114	01115																												
01108	01109																																				
01110	01111																																				
01112	01113																																				
01114	01115																																				
***** <sup>(2)</sup> :00000-00015, 00255 00000:CH1      00001:CH2      00002:CH3 00003:CH4      00004:CH5      00005:CH6 00006:CH7      00007:CH8      00008:CH9 00009:CH10     00010:CH11     00011:CH12 00012:CH13     00013:CH14     00014:CH15 00015:CH16     00255:Off				** <sup>(3)</sup> :Error type (Refer to page 4.)																																	
***** <sup>(2)</sup> :00000-00015, 00255 00000:CH1      00001:CH2      00002:CH3 00003:CH4      00004:CH5      00005:CH6 00006:CH7      00007:CH8      00008:CH9 00009:CH10     00010:CH11     00011:CH12 00012:CH13     00013:CH14     00014:CH15 00015:CH16     00255:Off				** <sup>(3)</sup> :Error type (Refer to page 4.)																																	
Output A Settings	Split 9 screen	↑	↑	<Split 9a screen> ***** <sup>(1)</sup> :01116-01124 <table border="1"> <tr><td>01116</td><td>01117</td><td>01118</td></tr> <tr><td>01119</td><td>01120</td><td>01121</td></tr> <tr><td>01122</td><td>01123</td><td>01124</td></tr> </table>	01116	01117	01118	01119	01120	01121	01122	01123	01124	<Split 9b screen> ***** <sup>(1)</sup> :01125-01133 <table border="1"> <tr><td>01125</td><td>01126</td><td>01127</td></tr> <tr><td>01128</td><td>01129</td><td>01130</td></tr> <tr><td>01131</td><td>01132</td><td>01133</td></tr> </table>	01125	01126	01127	01128	01129	01130	01131	01132	01133														
				01116	01117	01118																															
				01119	01120	01121																															
				01122	01123	01124																															
01125	01126	01127																																			
01128	01129	01130																																			
01131	01132	01133																																			
***** <sup>(2)</sup> :00000-00015, 00255 00000:CH1      00001:CH2      00002:CH3 00003:CH4      00004:CH5      00005:CH6 00006:CH7      00007:CH8      00008:CH9 00009:CH10     00010:CH11     00011:CH12 00012:CH13     00013:CH14     00014:CH15 00015:CH16     00255:Off				** <sup>(3)</sup> :Error type (Refer to page 4.)																																	
***** <sup>(2)</sup> :00000-00015, 00255 00000:CH1      00001:CH2      00002:CH3 00003:CH4      00004:CH5      00005:CH6 00006:CH7      00007:CH8      00008:CH9 00009:CH10     00010:CH11     00011:CH12 00012:CH13     00013:CH14     00014:CH15 00015:CH16     00255:Off				** <sup>(3)</sup> :Error type (Refer to page 4.)																																	
***** <sup>(2)</sup> :00000-00015, 00255 00000:CH1      00001:CH2      00002:CH3 00003:CH4      00004:CH5      00005:CH6 00006:CH7      00007:CH8      00008:CH9 00009:CH10     00010:CH11     00011:CH12 00012:CH13     00013:CH14     00014:CH15 00015:CH16     00255:Off				** <sup>(3)</sup> :Error type (Refer to page 4.)																																	
Output A Settings	Split 10 screen	↑	↑	<Split 10a screen> ***** <sup>(1)</sup> :01134-01143 <table border="1"> <tr><td>01134</td><td>01135</td></tr> <tr><td>01136</td><td>01137</td><td>01138</td><td>01139</td></tr> <tr><td>01140</td><td>01141</td><td>01142</td><td>01143</td></tr> </table>	01134	01135	01136	01137	01138	01139	01140	01141	01142	01143	<Split 10b screen> ***** <sup>(1)</sup> :01144-01153 <table border="1"> <tr><td>01144</td><td>01145</td></tr> <tr><td>01146</td><td>01147</td><td>01148</td><td>01149</td></tr> <tr><td>01150</td><td>01151</td><td>01152</td><td>01153</td></tr> </table>	01144	01145	01146	01147	01148	01149	01150	01151	01152	01153												
				01134	01135																																
				01136	01137	01138	01139																														
				01140	01141	01142	01143																														
01144	01145																																				
01146	01147	01148	01149																																		
01150	01151	01152	01153																																		
***** <sup>(2)</sup> :00000-00015, 00255 00000:CH1      00001:CH2      00002:CH3 00003:CH4      00004:CH5      00005:CH6 00006:CH7      00007:CH8      00008:CH9 00009:CH10     00010:CH11     00011:CH12 00012:CH13     00013:CH14     00014:CH15 00015:CH16     00255:Off				** <sup>(3)</sup> :Error type (Refer to page 4.)																																	
***** <sup>(2)</sup> :00000-00015, 00255 00000:CH1      00001:CH2      00002:CH3 00003:CH4      00004:CH5      00005:CH6 00006:CH7      00007:CH8      00008:CH9 00009:CH10     00010:CH11     00011:CH12 00012:CH13     00013:CH14     00014:CH15 00015:CH16     00255:Off				** <sup>(3)</sup> :Error type (Refer to page 4.)																																	
***** <sup>(2)</sup> :00000-00015, 00255 00000:CH1      00001:CH2      00002:CH3 00003:CH4      00004:CH5      00005:CH6 00006:CH7      00007:CH8      00008:CH9 00009:CH10     00010:CH11     00011:CH12 00012:CH13     00013:CH14     00014:CH15 00015:CH16     00255:Off				** <sup>(3)</sup> :Error type (Refer to page 4.)																																	
Output A Settings	Split 13 screen	↑	↑	<Split 13a screen> ***** <sup>(1)</sup> :01154-01166 <table border="1"> <tr><td>01154</td><td>01155</td><td>01156</td><td>01157</td></tr> <tr><td>01158</td><td></td><td>01160</td><td></td></tr> <tr><td>01161</td><td>01159</td><td>01162</td><td></td></tr> <tr><td>01163</td><td>01164</td><td>01165</td><td>01166</td></tr> </table>	01154	01155	01156	01157	01158		01160		01161	01159	01162		01163	01164	01165	01166	<Split 13b screen> ***** <sup>(1)</sup> :01167-01179 <table border="1"> <tr><td>01167</td><td>01168</td><td>01169</td><td>01170</td></tr> <tr><td>01171</td><td></td><td>01173</td><td></td></tr> <tr><td>01174</td><td>01172</td><td>01175</td><td></td></tr> <tr><td>01176</td><td>01177</td><td>01178</td><td>01179</td></tr> </table>	01167	01168	01169	01170	01171		01173		01174	01172	01175		01176	01177	01178	01179
				01154	01155	01156	01157																														
				01158		01160																															
				01161	01159	01162																															
01163	01164	01165	01166																																		
01167	01168	01169	01170																																		
01171		01173																																			
01174	01172	01175																																			
01176	01177	01178	01179																																		
***** <sup>(2)</sup> :00000-00015, 00255 00000:CH1      00001:CH2      00002:CH3 00003:CH4      00004:CH5      00005:CH6 00006:CH7      00007:CH8      00008:CH9 00009:CH10     00010:CH11     00011:CH12 00012:CH13     00013:CH14     00014:CH15 00015:CH16     00255:Off				** <sup>(3)</sup> :Error type (Refer to page 4.)																																	
***** <sup>(2)</sup> :00000-00015, 00255 00000:CH1      00001:CH2      00002:CH3 00003:CH4      00004:CH5      00005:CH6 00006:CH7      00007:CH8      00008:CH9 00009:CH10     00010:CH11     00011:CH12 00012:CH13     00013:CH14     00014:CH15 00015:CH16     00255:Off				** <sup>(3)</sup> :Error type (Refer to page 4.)																																	
***** <sup>(2)</sup> :00000-00015, 00255 00000:CH1      00001:CH2      00002:CH3 00003:CH4      00004:CH5      00005:CH6 00006:CH7      00007:CH8      00008:CH9 00009:CH10     00010:CH11     00011:CH12 00012:CH13     00013:CH14     00014:CH15 00015:CH16     00255:Off				** <sup>(3)</sup> :Error type (Refer to page 4.)																																	



# Command code table (continued)

## ◆ RS-232C [Direct operation specification] menu setting command form <System> (5/7)

Menu	Menu item	Command	Status	Note																															
Multiplexer Setting (continued)	Split 9 screen	<Menu setting> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [F1] <Inquiry for setting information> DR,***** <sup>(1)</sup> [F1]	<Writing of menu information> RC [E2] EX,** <sup>(3)</sup> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [E2] <Reading of menu information> RC [E2] EX,** <sup>(3)</sup> DR,***** <sup>(1)</sup> ,***** <sup>(2)</sup> [E2]	<p>&lt;Split 9a screen&gt; *****<sup>(1)</sup>:01316-01324</p> <table border="1"> <tr><td>01316</td><td>01317</td><td>01318</td></tr> <tr><td>01319</td><td>01320</td><td>01321</td></tr> <tr><td>01322</td><td>01323</td><td>01324</td></tr> </table> <p>*****<sup>(2)</sup>:00000-00015, 00255 00000:CH1      00001:CH2      00002:CH3 00003:CH4      00004:CH5      00005:CH6 00006:CH7      00007:CH8      00008:CH9 00009:CH10     00010:CH11     00011:CH12 00012:CH13     00013:CH14     00014:CH15 00015:CH16     00255:Off **<sup>(3)</sup>:Error type (Refer to page 4.)</p> <p>&lt;Split 9b screen&gt; *****<sup>(1)</sup>:01325-01333</p> <table border="1"> <tr><td>01325</td><td>01326</td><td>01327</td></tr> <tr><td>01328</td><td>01329</td><td>01330</td></tr> <tr><td>01331</td><td>01332</td><td>01333</td></tr> </table>	01316	01317	01318	01319	01320	01321	01322	01323	01324	01325	01326	01327	01328	01329	01330	01331	01332	01333													
	01316	01317	01318																																
	01319	01320	01321																																
	01322	01323	01324																																
01325	01326	01327																																	
01328	01329	01330																																	
01331	01332	01333																																	
Split 10 screen	†	†	<p>&lt;Split 10a screen&gt; *****<sup>(1)</sup>:01334-01343</p> <table border="1"> <tr><td>01334</td><td>01335</td></tr> <tr><td>01336</td><td>01337</td><td>01338</td><td>01339</td></tr> <tr><td>01340</td><td>01341</td><td>01342</td><td>01343</td></tr> </table> <p>*****<sup>(2)</sup>:00000-00015, 00255 00000:CH1      00001:CH2      00002:CH3 00003:CH4      00004:CH5      00005:CH6 00006:CH7      00007:CH8      00008:CH9 00009:CH10     00010:CH11     00011:CH12 00012:CH13     00013:CH14     00014:CH15 00015:CH16     00255:Off **<sup>(3)</sup>:Error type (Refer to page 4.)</p> <p>&lt;Split 10b screen&gt; *****<sup>(1)</sup>:01344-01353</p> <table border="1"> <tr><td>01344</td><td>01345</td></tr> <tr><td>01346</td><td>01347</td><td>01348</td><td>01349</td></tr> <tr><td>01350</td><td>01351</td><td>01352</td><td>01353</td></tr> </table>	01334	01335	01336	01337	01338	01339	01340	01341	01342	01343	01344	01345	01346	01347	01348	01349	01350	01351	01352	01353												
01334	01335																																		
01336	01337	01338	01339																																
01340	01341	01342	01343																																
01344	01345																																		
01346	01347	01348	01349																																
01350	01351	01352	01353																																
Split 13 screen	†	†	<p>&lt;Split 13a screen&gt; *****<sup>(1)</sup>:01354-01366</p> <table border="1"> <tr><td>01354</td><td>01355</td><td>01356</td><td>01357</td></tr> <tr><td>01358</td><td colspan="2">01359</td><td>01360</td></tr> <tr><td>01361</td><td colspan="2"></td><td>01362</td></tr> <tr><td>01363</td><td>01364</td><td>01365</td><td>01366</td></tr> </table> <p>*****<sup>(2)</sup>:00000-00015, 00255 00000:CH1      00001:CH2      00002:CH3 00003:CH4      00004:CH5      00005:CH6 00006:CH7      00007:CH8      00008:CH9 00009:CH10     00010:CH11     00011:CH12 00012:CH13     00013:CH14     00014:CH15 00015:CH16     00255:Off **<sup>(3)</sup>:Error type (Refer to page 4.)</p> <p>&lt;Split 13b screen&gt; *****<sup>(1)</sup>:01367-01379</p> <table border="1"> <tr><td>01367</td><td>01368</td><td>01369</td><td>01370</td></tr> <tr><td>01371</td><td colspan="2">01372</td><td>01373</td></tr> <tr><td>01374</td><td colspan="2"></td><td>01375</td></tr> <tr><td>01376</td><td>01377</td><td>01378</td><td>01379</td></tr> </table>	01354	01355	01356	01357	01358	01359		01360	01361			01362	01363	01364	01365	01366	01367	01368	01369	01370	01371	01372		01373	01374			01375	01376	01377	01378	01379
01354	01355	01356	01357																																
01358	01359		01360																																
01361			01362																																
01363	01364	01365	01366																																
01367	01368	01369	01370																																
01371	01372		01373																																
01374			01375																																
01376	01377	01378	01379																																
Split 16 screen	†	†	<p>&lt;Split 16 screen&gt; *****<sup>(1)</sup>:01380-01395</p> <table border="1"> <tr><td>01380</td><td>01381</td><td>01382</td><td>01383</td></tr> <tr><td>01384</td><td>01385</td><td>01386</td><td>01387</td></tr> <tr><td>01388</td><td>01389</td><td>01390</td><td>01391</td></tr> <tr><td>01392</td><td>01393</td><td>01394</td><td>01395</td></tr> </table> <p>*****<sup>(2)</sup>:00000-00015, 00255 00000:CH1      00001:CH2      00002:CH3 00003:CH4      00004:CH5      00005:CH6 00006:CH7      00007:CH8      00008:CH9 00009:CH10     00010:CH11     00011:CH12 00012:CH13     00013:CH14     00014:CH15 00015:CH16     00255:Off **<sup>(3)</sup>:Error type (Refer to page 4.)</p>	01380	01381	01382	01383	01384	01385	01386	01387	01388	01389	01390	01391	01392	01393	01394	01395																
01380	01381	01382	01383																																
01384	01385	01386	01387																																
01388	01389	01390	01391																																
01392	01393	01394	01395																																

# Command code table (continued)

## ◆ RS-232C [Direct operation specification] menu setting command form <System> (6/7)

Menu	Menu item	Command	Status	Note	
Multiplexer Setting (continued)	Sequence/ Single	<Menu setting> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [E1] <Inquiry for setting information> DR,***** <sup>(1)</sup> [E1]	<Writing of menu information> RC [E2] EX,** <sup>(3)</sup> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [E2] <Reading of menu information> RC [E2] EX,** <sup>(3)</sup> DR,***** <sup>(1)</sup> ,***** <sup>(2)</sup> [E2]	***** <sup>(1)</sup> :01400-01415 01400:display order 1      01401:display order 2 01402:display order 3      01403:display order 4 01404:display order 5      01405:display order 6 01406:display order 7      01407:display order 8 01408:display order 9      01409:display order 10 01410:display order 11     01411:display order 12 01412:display order 13     01413:display order 14 01414:display order 15     01415:display order 16 ***** <sup>(2)</sup> :00000-00015 00000:CH1      00001:CH2      00002:CH3 00003:CH4      00004:CH5      00005:CH6 00006:CH7      00007:CH8      00008:CH9 00009:CH10     00010:CH11     00011:CH12 00012:CH13     00013:CH14     00014:CH15 00015:CH16 ** <sup>(3)</sup> :Error type (Refer to page 4.)	
		Sequence/ Split 4 screen	↑	↑	***** <sup>(1)</sup> :01432 ***** <sup>(2)</sup> :00000-00003 00000:a      00001:ab 00002:abc      00003:abcd ** <sup>(3)</sup> :Error type (Refer to page 4.)
		Sequence/ Split 9 screen	↑	↑	***** <sup>(1)</sup> :01440 ***** <sup>(2)</sup> : 00000:a      00001:ab ** <sup>(3)</sup> :Error type (Refer to page 4.)
		Sequence/ Split 10 screen	↑	↑	***** <sup>(1)</sup> :01444 ***** <sup>(2)</sup> : 00000:a      00001:ab ** <sup>(3)</sup> :Error type (Refer to page 4.)
		Sequence/ Split 13 screen	↑	↑	***** <sup>(1)</sup> :01448 ***** <sup>(2)</sup> : 00000:a      00001:ab ** <sup>(3)</sup> :Error type (Refer to page 4.)
		Sequence/Time	↑	↑	***** <sup>(1)</sup> :01416 ***** <sup>(2)</sup> : 00001-00030:1-30 s ** <sup>(3)</sup> :Error type (Refer to page 4.)
		Alarm Display Setting/ Output Setting	↑	↑	***** <sup>(1)</sup> :01468 ***** <sup>(2)</sup> :00000-00001, 00255 00000:Output A    00001:Output B    00255:Off ** <sup>(3)</sup> :Error type (Refer to page 4.)
		Alarm Display Setting/ Display	↑	↑	***** <sup>(1)</sup> :01452-01467 01452:Sensor 1      01453:Sensor 2 01454:Sensor 3      01455:Sensor 4 01456:Sensor 5      01457:Sensor 6 01458:Sensor 7      01459:Sensor 8 01460:Sensor 9      01461:Sensor 10 01462:Sensor 11     01463:Sensor 12 01464:Sensor 13     01465:Sensor 14 01466:Sensor 15     01467:Sensor 16 ***** <sup>(2)</sup> : 00000:CH1      00001:CH2      00002:CH3 00003:CH4      00004:CH5      00005:CH6 00006:CH7      00007:CH8      00008:CH9 00009:CH10     00010:CH11     00011:CH12 00012:CH13     00013:CH14     00014:CH15 00015:CH16 00400:Multi 4a    00401:Multi 4b    00402:Multi 4c 00403:Multi 4d 00900:Multi 9a    00901:Multi 9b 01000:Multi 10a   01001:Multi 10b 01300:Multi 13a   01301:Multi 13b   01600:Multi 16 ** <sup>(3)</sup> :Error type (Refer to page 4.)
		Covert Camera Setting	↑	↑	***** <sup>(1)</sup> :01484-01499 01484:CH1      01485:CH2      01486:CH3 01487:CH4      01488:CH5      01489:CH6 01490:CH7      01491:CH8      01492:CH9 01493:CH10     01494:CH11     01495:CH12 01496:CH13     01497:CH14     01498:CH15 01499:CH16 ***** <sup>(2)</sup> : 00000:On      00001:Off ** <sup>(3)</sup> :Error type (Refer to page 4.)

# Command code table (continued)

## ◆ RS-232C [Direct operation specification] menu setting command form <System> (7/7)

Menu	Menu item	Command	Status	Note
On Screen Display Setting	Clock/ Display Mode	<Menu setting> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [E1] <Inquiry for setting information> DR,***** <sup>(1)</sup> [E1]	<Writing of menu information> RC [E2] EX,** <sup>(3)</sup> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [E2] <Reading of menu information> RC [E2] EX,** <sup>(3)</sup> DR,***** <sup>(1)</sup> ,***** <sup>(2)</sup> [E2]	***** <sup>(1)</sup> :00003 ***** <sup>(2)</sup> :00000-00002 00001:Mode 1      00002:Mode 2      00000:Mode 3 ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Clock/ Location	↑	↑	***** <sup>(1)</sup> :00001 ***** <sup>(2)</sup> :00000-00003 00000:Top - Left      00001:Top - Right 00002:Bottom - Left      00003:Bottom - Right ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Triplex/ Display Mode	↑	↑	***** <sup>(1)</sup> :00005 ***** <sup>(2)</sup> :00001-00005 00001:Mode 1      00002:Mode 2      00003:Mode 3 00004:Mode 4      00005:Mode 5 ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Triplex/ Location	↑	↑	***** <sup>(1)</sup> :00004 ***** <sup>(2)</sup> : 00001:Top      00002:Bottom ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Camera/ Display Mode	↑	↑	***** <sup>(1)</sup> :00007 ***** <sup>(2)</sup> :00000-00002 00000:None      00001:Number      00002:Title ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Camera/ Location	↑	↑	***** <sup>(1)</sup> :00006 ***** <sup>(2)</sup> :00000-00003 00000:Top - Left      00001:Top - Right      00002:Bottom - Left 00003:Bottom - Right ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Recorder Title	↑	↑	***** <sup>(1)</sup> :01044 ***** <sup>(2)</sup> : 00000:Off      00001:On ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Monitor Output Adjust	↑	↑	***** <sup>(1)</sup> :00008 ***** <sup>(2)</sup> : 00000:Overscan      00001:Underscan ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Alpha Blend Level/ Menu	↑	↑	***** <sup>(1)</sup> :00030 ***** <sup>(2)</sup> :00001-00003 00001:Level 1      00002:Level 2 00003:Level 3 ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Alpha Blend Level/ On Screen Information	↑	↑	***** <sup>(1)</sup> :00031 ***** <sup>(2)</sup> :00001-00003 00001:Level 1      00002:Level 2 00003:Level 3 ** <sup>(3)</sup> :Error type (Refer to page 4.)
Audio Setting	Audio Output Settings	↑	↑	***** <sup>(1)</sup> :00350-00376 00350:CH1      00351:CH2      00352:CH3 00353:CH4      00354:CH5      00355:CH6 00356:CH7      00357:CH8      00358:CH9 00359:CH10      00360:CH11      00361:CH12 00362:CH13      00363:CH14      00364:CH15 00365:CH16 00366:Split 4a      00367:Split 4b 00368:Split 4c      00369:Split 4d 00370:Split 9a      00371:Split 9b 00372:Split 10a      00373:Split 10b 00374:Split 13a      00375:Split 13b 00376:Split 16 ***** <sup>(2)</sup> :00000-00004 00000:Off 00001:Channel 1      00002:Channel 2 00003:Channel 3      00004:Channel 4 ** <sup>(3)</sup> :Error type (Refer to page 4.)

## Command code table (continued)

### ◆ RS-232C [Direct operation specification] menu setting command form <Menu Data>/<Option>

Menu	Menu item	Command	Status	Note
Load Menu Data	Device Select	<Menu setting> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [E1] <Inquiry for setting information> DR,***** <sup>(1)</sup> [E1]	<Writing of menu information> RC [E2] EX,** <sup>(3)</sup> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [E2] <Reading of menu information> RC [E2] EX,** <sup>(3)</sup> DR,***** <sup>(1)</sup> ,***** <sup>(2)</sup> [E2]	***** <sup>(1)</sup> :00100 ***** <sup>(2)</sup> : 00002:Copy 1                   00003:Copy 2 ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Group Select	†	†	***** <sup>(1)</sup> :00101 ***** <sup>(2)</sup> : 00003:DVD/CD                   00004:USB Memory ** <sup>(3)</sup> :Error type (Refer to page 4.)
Save Menu Data	Device Select	†	†	***** <sup>(1)</sup> :00102 ***** <sup>(2)</sup> : 00002:Copy 1                   00003:Copy 2 ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Group Select	†	†	***** <sup>(1)</sup> :00103 ***** <sup>(2)</sup> : 00003:DVD/CD                   00004:USB Memory ** <sup>(3)</sup> :Error type (Refer to page 4.)
XGA Monitor Settings	Display Mode Setting	†	†	***** <sup>(1)</sup> :00090 ***** <sup>(2)</sup> :00000-00004 00000:Mode 1   00001:Mode 2   00002:Mode 3 00003:Mode 4   00004:Mode 5 ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Sharpness Setting	†	†	***** <sup>(1)</sup> :00091 ***** <sup>(2)</sup> :00000-00003 00000:Off           00001:Low           00002:Mid 00003:High ** <sup>(3)</sup> :Error type (Refer to page 4.)

## Command code table (continued)

### ◆ RS-232C [Direct operation specification] menu setting command form <COM/LAN>

① When changing "Transmission Mode" in <RS-232C Setting> via RS-232C command, the actual operation may not reflect the new setting correctly. Check the communication operation after changing the setting.

Menu	Menu item	Command	Status	Note
RS-232C Setting	Communication Mode	<Menu setting> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [E1] <Inquiry for setting information> DR,***** <sup>(1)</sup> [E1]	<Writing of menu information> RC [E2] EX,** <sup>(3)</sup> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [E2] <Reading of menu information> RC [E2] EX,** <sup>(3)</sup> DR,***** <sup>(1)</sup> ,***** <sup>(2)</sup> [E2]	***** <sup>(1)</sup> :00300 ***** <sup>(2)</sup> :00000-00003 00000:Off                   00001:Remote A 00002:Remote B           00003:Remote C ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Transmission Mode	↑	↑	***** <sup>(1)</sup> :00301 ***** <sup>(2)</sup> : 01200:1200 bps           02400:2400 bps 04800:4800 bps           09600:9600 bps 19200:19200 bps ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Data Bit Length	↑	↑	***** <sup>(1)</sup> :00302 ***** <sup>(2)</sup> : 00007:7 bit                   00008:8 bit ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Parity Bit	↑	↑	***** <sup>(1)</sup> :00303 ***** <sup>(2)</sup> :00000-00002 00000:None           00001:Odd           00002:Even ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Stop Bit Length	↑	↑	***** <sup>(1)</sup> :00304 ***** <sup>(2)</sup> : 00001:1 bit                   00002:2 bit ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Delimiter	↑	↑	***** <sup>(1)</sup> :00305 ***** <sup>(2)</sup> : 00000:CR                   00001:CR·LF ** <sup>(3)</sup> :Error type (Refer to page 4.)
	RS-485 Cascade Setting	Cascade Connection Mode	↑	↑
Recorder Address		↑	↑	***** <sup>(1)</sup> :00341 ***** <sup>(2)</sup> :00224, 00000-00015 00224:Master ID:01           00000:Slave ID:01 00001:Slave ID:02           00002:Slave ID:03 00003:Slave ID:04           00004:Slave ID:05 00005:Slave ID:06           00006:Slave ID:07 00007:Slave ID:08           00008:Slave ID:09 00009:Slave ID:10           00010:Slave ID:11 00011:Slave ID:12           00012:Slave ID:13 00013:Slave ID:14           00014:Slave ID:15 00015:Slave ID:16 ** <sup>(3)</sup> :Error type (Refer to page 4.)

# Command code table (continued)

## ◆ RS-232C [Direct operation specification] menu setting command form <PTZ Setting>

Menu	Menu item	Command	Status	Note
PTZ Camera Configuration	Device	<Menu setting> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [E1] <Inquiry for setting information> DR,***** <sup>(1)</sup> [E1]	<Writing of menu information> RC [E2] EX,** <sup>(3)</sup> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [E2] <Reading of menu information> RC [E2] EX,** <sup>(3)</sup> DR,***** <sup>(1)</sup> ,***** <sup>(2)</sup> [E2]	***** <sup>(1)</sup> : 00400:CH1      00405:CH2      00410:CH3 00415:CH4      00420:CH5      00425:CH6 00430:CH7      00435:CH8      00440:CH9 00445:CH10     00450:CH11     00455:CH12 00460:CH13     00465:CH14     00470:CH15 00475:CH16 ***** <sup>(2)</sup> : 00000:- - -                      00001:PELCO-COAX 00002:PELCO-D (RS422, 9600)    00003:PELCO-D (RS422, 4800) 00004:PELCO-D (RS422, 2400)    00005:A.D. 00006:OMIKRON                    00007:PANASONIC 00008:BBV                         00009:JVC 00010:VIDO                        00011:SAMSUNG 00012:ELBEX-AC0                 00013:ELBEX-AC1 00014:ELBEX-AC2                 00015:ELBEX-AC3 00016:VC-C4 ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Device ID	†	†	***** <sup>(1)</sup> : 00401:CH1      00406:CH2      00411:CH3 00416:CH4      00421:CH5      00426:CH6 00431:CH7      00436:CH8      00441:CH9 00446:CH10     00451:CH11     00456:CH12 00461:CH13     00466:CH14     00471:CH15 00476:CH16 ***** <sup>(2)</sup> :00000 -00999 (The maximum value varies depending on the camera connected.) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Pan Reverse	†	†	***** <sup>(1)</sup> : 00402:CH1      00407:CH2      00412:CH3 00417:CH4      00422:CH5      00427:CH6 00432:CH7      00437:CH8      00442:CH9 00447:CH10     00452:CH11     00457:CH12 00462:CH13     00467:CH14     00472:CH15 00477:CH16 ***** <sup>(2)</sup> : 00000:Invalid      00001:Valid ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Tilt Reverse	†	†	***** <sup>(1)</sup> : 00403:CH1      00408:CH2      00413:CH3 00418:CH4      00423:CH5      00428:CH6 00433:CH7      00438:CH8      00443:CH9 00448:CH10     00453:CH11     00458:CH12 00463:CH13     00468:CH14     00473:CH15 00478:CH16 ***** <sup>(2)</sup> : 00000:Invalid      00001:Valid ** <sup>(3)</sup> :Error type (Refer to page 4.)

## Command code table (continued)

### ◆ RS-232C [Direct operation specification] menu setting command form <Restore>

Menu	Menu item	Command	Status	Note
Restore Data to Main HDD from Drive1/2	Range of Restore	<Menu setting> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [F1] <Inquiry for setting information> DR,***** <sup>(1)</sup> [F1]	<Writing of menu information> RC [F2] EX,** <sup>(3)</sup> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [F2] <Reading of menu information> RC [F2] EX,** <sup>(3)</sup> DR,***** <sup>(1)</sup> ,***** <sup>(2)</sup> [F2]	***** <sup>(1)</sup> :12080 ***** <sup>(2)</sup> : 00000:Start/End                      00001:Start ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Start/year	↑	↑	***** <sup>(1)</sup> :12082 ***** <sup>(2)</sup> :00001-00037 (year 2001-2037) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Start/month	↑	↑	***** <sup>(1)</sup> :12083 ***** <sup>(2)</sup> :00001-00012 (January-December) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Start/day	↑	↑	***** <sup>(1)</sup> :12084 ***** <sup>(2)</sup> :00001-00031 (1st-31st) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Start/hour	↑	↑	***** <sup>(1)</sup> :12085 ***** <sup>(2)</sup> :00000-00023 (hour 00-23) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Start/minute	↑	↑	***** <sup>(1)</sup> :12086 ***** <sup>(2)</sup> :00000-00059 (minute 00-59) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Start/second	↑	↑	***** <sup>(1)</sup> :12087 ***** <sup>(2)</sup> :00000-00059 (second 00-59) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	End/year	↑	↑	***** <sup>(1)</sup> :12089 ***** <sup>(2)</sup> :00001-00037 (year 2001-2037) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	End/month	↑	↑	***** <sup>(1)</sup> :12090 ***** <sup>(2)</sup> :00001-00012 (January-December) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	End/day	↑	↑	***** <sup>(1)</sup> :12091 ***** <sup>(2)</sup> :00001-00031 (1st-31st) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	End/hour	↑	↑	***** <sup>(1)</sup> :12092 ***** <sup>(2)</sup> :00000-00023 (hour 00-23) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	End/minute	↑	↑	***** <sup>(1)</sup> :12093 ***** <sup>(2)</sup> :00000-00059 (minute 00-59) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	End/second	↑	↑	***** <sup>(1)</sup> :12094 ***** <sup>(2)</sup> :00000-00059 (second 00-59) ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Camera	↑	↑	***** <sup>(1)</sup> :12100 ***** <sup>(2)</sup> : Shown using decimal number. Bit allocation for each camera LSB=camera 1    Ex. "00063" indicates camera numbers 1 to 6. ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Export Drive 1/2 Configuration	From Device	↑	↑
From Group		↑	↑	***** <sup>(1)</sup> :12102 <For Copy 1> ***** <sup>(2)</sup> :00000-00004 00000:SerialBus                      00001:NAS 00002:SCSI                              00003:DVD/CD 00004:USB Memory <For Copy 2> ***** <sup>(2)</sup> :00000-00003, 00005 00000:SerialBus                      00001:NAS 00002:SCSI                              00003:DVD/CD 00005:Internal ** <sup>(3)</sup> :Error type (Refer to page 4.)
To Main		↑	↑	***** <sup>(1)</sup> :12103 ***** <sup>(2)</sup> :00001-00003 00001:Normal                      00002:Alarm                      00003:LPA ** <sup>(3)</sup> :Error type (Refer to page 4.)

## Command code table (continued)

### ◆ RS-232C [Direct operation specification] menu setting command form <Memory>

① Display <Memory> menu on the screen before setting the following items.

Menu	Menu item	Command	Status	Note
Data Management Setting for Main Memory	Main Device Repeat Settings	<Menu setting> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [F1] <Inquiry for setting information> DR,***** <sup>(1)</sup> [F1]	<Writing of menu information> RC [F2] EX,** <sup>(3)</sup> DW,***** <sup>(1)</sup> ***** <sup>(2)</sup> [F2] <Reading of menu information> RC [F2] EX,** <sup>(3)</sup> DR,***** <sup>(1)</sup> ,***** <sup>(2)</sup> [F2]	***** <sup>(1)</sup> :01553-01555 01553:Normal Recording Area 01554:Alarm Recording Area 01555:LPA Recording Area ***** <sup>(2)</sup> : 00000:Repeat Off 00001:Repeat On ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Change Partition Setting/ Normal Area	↑	↑	***** <sup>(1)</sup> :01550 ***** <sup>(2)</sup> : 00005:5% 00010:10% 00015:15% 00020:20% 00025:25% 00030:30% 00035:35% 00040:40% 00045:45% 00050:50% 00055:55% 00060:60% 00065:65% 00070:70% 00075:75% 00080:80% 00085:85% 00090:90% 00095:95% 00100:100% ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Change Partition Setting/ Alarm Area/ Long Pre-Alarm Area	↑	↑	***** <sup>(1)</sup> : 01551:Alarm Recording Area 01552:Long Pre-Alarm Area ***** <sup>(2)</sup> : 00000:0% 00005:5% 00010:10% 00015:15% 00020:20% 00025:25% 00030:30% 00035:35% 00040:40% 00045:45% 00050:50% 00055:55% 00060:60% 00065:65% 00070:70% 00075:75% 00080:80% 00085:85% 00090:90% 00095:95% 00100:100% ** <sup>(3)</sup> :Error type (Refer to page 4.)
Recording Data Readout Setting	Playback Device Repeat Setting	↑	↑	***** <sup>(1)</sup> :01556 ***** <sup>(2)</sup> : 00000:Repeat Off 00001:Repeat On ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Image Originality Check Play	↑	↑	***** <sup>(1)</sup> :01557 ***** <sup>(2)</sup> : 00000:Inactive 00001:Active ** <sup>(3)</sup> :Error type (Refer to page 4.)
	Auto-Expire on Specified Date	↑	↑	***** <sup>(1)</sup> :01558 ***** <sup>(2)</sup> : 00000:Off 00024:1 Day 00048:2 Day 00072:3 Day 00096:4 Day 00120:5 Day 00144:6 Day 01001:7 Day 01002:14 Day 01003:21 Day 02001:30 Day 02002:60 Day 02003:90 Day 02004:120 Day 02005:150 Day 02006:180 Day 03001:365 Day ** <sup>(3)</sup> :Error type (Refer to page 4.)

## Command code table (continued)

### ◆ RS-232C [Direct operation specification] menu setting command form <Other Settings>

Command name	Command	Status	Note
Registering bookmark	BKMS,★★ <sup>(1)</sup> [F1]	RC [E2] EX,★★ <sup>(2)</sup> BKMS,★★ <sup>(1)</sup> [E2]	★★ <sup>(1)</sup> :Bookmark number 00:1                      01:2                      02:3 03:4                      04:5                      05:6 06:7                      07:8 ★★ <sup>(2)</sup> :Error type (Refer to page 4.)
Inputting password for releasing lock	PSWDU,★★ <sup>(1)</sup> ★★★ <sup>(2)</sup> [F1]	RC [E2] EX,★★ <sup>(2)</sup> PSWDU,★★ <sup>(1)</sup> ★★★ <sup>(2)</sup> [E2]	★★ <sup>(1)</sup> :Password level 00:Level 1                      01:Level 2                      02:Level 3 03:Disk management password ★★★ <sup>(2)</sup> :Password ★★ <sup>(2)</sup> :Error type (Refer to page 4.)
Registering password	PSWDS,★★ <sup>(1)</sup> ★★★ <sup>(2)</sup> [F1]	RC [E2] EX,★★ <sup>(2)</sup> PSWDS,★★ <sup>(1)</sup> ★★★ <sup>(2)</sup> [E2]	★★ <sup>(1)</sup> :Password level 00:Level 1                      01:Level 2                      02:Level 3 03:Disk management password ★★★ <sup>(2)</sup> :Password ★★ <sup>(2)</sup> :Error type (Refer to page 4.)
Setting time and date	<Setting> DW12,★★ <sup>(1)</sup> ★★ <sup>(2)</sup> ★★ <sup>(3)</sup> ★★ <sup>(4)</sup> ★★ <sup>(5)</sup> ★★ <sup>(6)</sup> ★★ <sup>(7)</sup> [F1] <Inquiry for setting information> DR12,★★ <sup>(1)</sup> [F1]	<Writing of menu information> RC [E2] EX,★★ <sup>(2)</sup> DW12,★★ <sup>(1)</sup> ★★ <sup>(2)</sup> ★★ <sup>(3)</sup> ★★ <sup>(4)</sup> ★★ <sup>(5)</sup> ★★ <sup>(6)</sup> ★★ <sup>(7)</sup> [E2] <Reading of menu information> RC [E2] EX,★★ <sup>(2)</sup> DR12,★★ <sup>(1)</sup> ,★★ <sup>(2)</sup> ★★ <sup>(3)</sup> ★★ <sup>(4)</sup> ★★ <sup>(5)</sup> ★★ <sup>(6)</sup> ★★ <sup>(7)</sup> [E2]	★★ <sup>(1)</sup> :00:Time date setting ★★ <sup>(2)</sup> :Year (01-37) ★★ <sup>(3)</sup> :Month (01-12) ★★ <sup>(4)</sup> :Day (01-31) ★★ <sup>(5)</sup> :Hour (00-23) ★★ <sup>(6)</sup> :Minute (00-59) ★★ <sup>(7)</sup> :Second (00-59) ★★ <sup>(2)</sup> :Error type (Refer to page 4.)
Copying setting of multiplexer	DW13,★★ <sup>(1)</sup> [F1]	RC [E2] EX,★★ <sup>(2)</sup> DW13,★★ <sup>(1)</sup> [E2]	★★ <sup>(1)</sup> :00:Copy multiplexer setting of Output A to Output B ★★ <sup>(2)</sup> :Error type (Refer to page 4.)
Copying setting of motion detection	DW14,★★ <sup>(1)</sup> ★★ <sup>(2)</sup> ★★ <sup>(3)</sup> ★★ <sup>(4)</sup> [F1]	RC [E2] EX,★★ <sup>(2)</sup> DW14,★★ <sup>(1)</sup> ★★ <sup>(2)</sup> ★★ <sup>(3)</sup> ★★ <sup>(4)</sup> [E2]	★★ <sup>(1)</sup> :Copy destination 00:Motion detection pattern A    01:Motion detection pattern B 10:Motion search ★★ <sup>(2)</sup> :Copy destination camera number 00:CH1                      01:CH2                      02:CH3 03:CH4                      04:CH5                      05:CH6 06:CH7                      07:CH8                      08:CH9 09:CH10                      10:CH11                      11:CH12 12:CH13                      13:CH14                      14:CH15 15:CH16 ★★ <sup>(3)</sup> :Copy source 00:Motion detection pattern A    01:Motion detection pattern B 10:Motion search ★★ <sup>(4)</sup> :Copy source camera number 00:CH1                      01:CH2                      02:CH3 03:CH4                      04:CH5                      05:CH6 06:CH7                      07:CH8                      08:CH9 09:CH10                      10:CH11                      11:CH12 12:CH13                      13:CH14                      14:CH15 15:CH16 ★★ <sup>(2)</sup> :Error type (Refer to page 4.)
Buzzer ① Set "Buzzer" in <Rear Terminal Setting> to "LAN" before sending this command.	BUZR [F1]	RC [E2] EX,★★ <sup>(1)</sup> BUZR [E2]	★★ <sup>(1)</sup> :Error type (Refer to page 4.)
MODE OUT terminal setting ① This command becomes available when setting "Mode Out Settings" in <Rear Terminal Setting> to "LAN."	MLW,★★ <sup>(1)</sup> ★★ <sup>(2)</sup> [F1]	RC [E2] EX,★★ <sup>(2)</sup> MLW,★★ <sup>(1)</sup> ★★ <sup>(2)</sup> [E2]	★★ <sup>(1)</sup> :MODE OUT terminal 1:MODE OUT 1                      2:MODE OUT 2 3:MODE OUT 3                      4:MODE OUT 4 ★★ <sup>(2)</sup> :Terminal status 0:Off                                      1:On ★★ <sup>(2)</sup> :Error type (Refer to page 4.)
Reading of MODE OUT terminal setting	MLR,★★ <sup>(1)</sup> [F1]	RC [E2] EX,★★ <sup>(2)</sup> MLR,★★ <sup>(1)</sup> ,★★ <sup>(2)</sup> [E2]	★★ <sup>(1)</sup> :MODE OUT terminal 1:MODE OUT 1                      2:MODE OUT 2 3:MODE OUT 3                      4:MODE OUT 4 ★★ <sup>(2)</sup> :Terminal status 0:Off                                      1:On ★★ <sup>(2)</sup> :Error type (Refer to page 4.)

# Command code table (continued)

## ◆ RS-232C [Direct operation specification] status check command form (1/2)

Command	Status	Note
<Inquiry for recorder status> MD? [E1]	RC [E2]	★★ <sup>(1)</sup> :System status
	EX, ★ <sup>(41)</sup> MD,	00:Power off 02:Waiting for starting codec task
	★★ <sup>(1)</sup> ★★ <sup>(2)</sup> ★★ <sup>(3)</sup>	03:Waiting for starting system 04:Power on (device operation)
	★★ <sup>(4)</sup> ★★ <sup>(5)</sup>	05:Waiting for ending system 06:Waiting for ending codec task
	★★★★★★★★★ <sup>(6)</sup>	10:Setup Wizard 11:Waiting for starting Setup Wizard
	★★★★★★★★★ <sup>(7)</sup>	12:Waiting for completing Setup Wizard 14:NET-D
	★★ <sup>(8)</sup> ★★ <sup>(9)</sup> ★★ <sup>(10)</sup>	15:Simple NET-D 32:Power On (stop)
	★★ <sup>(11)</sup> ★★ <sup>(12)</sup> ★★ <sup>(13)</sup>	33:Waiting for starting device operation 34:Waiting for ending device operation
	★★ <sup>(14)</sup> ★★ <sup>(15)</sup> ★★ <sup>(16)</sup>	38:Abnormal system mode 39:Waiting for response of communication confirmation
	★★ <sup>(17)</sup> ★★ <sup>(18)</sup> ★★ <sup>(19)</sup>	3A:Waiting for notification of enabled connection
	★★ <sup>(20)</sup> ★★ <sup>(21)</sup> ★★ <sup>(22)</sup>	★★ <sup>(2)</sup> :Display status (output A)
	★★ <sup>(23)</sup> ★★ <sup>(24)</sup> ★★ <sup>(25)</sup>	00:Stop 03:Single screen 04:Split screen 05:Zoom
	★★ <sup>(26)</sup> ★★ <sup>(27)</sup> ★★ <sup>(28)</sup>	07:End
	★★ <sup>(29)</sup> ★★ <sup>(30)</sup> ★★ <sup>(31)</sup>	★★ <sup>(3)</sup> :Display status (output B) (Refer to "Display status (output A)")
	★★ <sup>(32)</sup> ★★ <sup>(33)</sup> ★★ <sup>(34)</sup>	★★ <sup>(4)</sup> :GUI operational status (output A)
	★★ <sup>(35)</sup> ★★ <sup>(36)</sup> ★★ <sup>(37)</sup>	00:Stop 01:Starting-up 02:Waiting for execution 03:Waiting for starting up codec
	★★ <sup>(38)</sup> ★★ <sup>(39)</sup>	04:Execute 05:Waiting for executing setup wizard
	★★ <sup>(40)</sup> [E2]	06:Executing setup wizard (Waiting for starting up codec) 07:Executing setup wizard
		08:Waiting for stopping 09:Error
		★★ <sup>(5)</sup> :GUI operational status (output B) (Refer to "GUI operational status (output A)")
		★★★★★★★★★ <sup>(6)</sup> :Menu (output A) : Menu address (00000000:Menu is not displayed.)
		★★★★★★★★★ <sup>(7)</sup> :Reserved
		★★ <sup>(8)</sup> :Recording status
		00:Stop of recording 01:Waiting for stopping recording
		02:Recording 03:Waiting for executing recording
		04:Changing recording setting 05:Waiting for stopping recording due to recording setting change
		06:Changing recording setting during recording
		★★ <sup>(9)</sup> :Playback status (output A)
		00:Stop of playback 03:Forward playback (single screen)
		04:Reverse playback (single screen) 05:Pause of forward playback (single screen)
		06:Pause of reverse playback (single screen) 07:Forward search (single screen)
		08:Reverse search (single screen) 09:High speed forward search (single screen)
		0a:High speed reverse search (single screen) 0b:Forward playback (split screen)
		0c:Reverse playback (split screen) 0d:Pause of forward playback (split screen)
		0e:Pause of reverse playback (split screen) 0f:Forward search (split screen)
		10:Reverse search (split screen) 11:High speed forward search (split screen)
		12:High speed reverse search (split screen) 13:Forward playback (zoom)
		14:Reverse playback (zoom) 15:Pause of forward playback (zoom)
		16:Pause of reverse playback (zoom) 17:Forward search (zoom)
		18:Reverse search (zoom) 19:High speed forward search (zoom)
		1a:High speed reverse search (zoom) 1c:Playback error
	★★ <sup>(10)</sup> :Playback status (output B) (Refer to "Playback status (output A)")	
	★★ <sup>(11)</sup> :Copy 1 status	
	00:Stop of copy 01:Waiting for stopping copy 02:Copying 03:Waiting for execution	
	04:Pause 05:Waiting for re-execute 06:Waiting for starting calculation 07:Displaying calculation result	
	★★ <sup>(12)</sup> :Copy 2 status	
	00:Stop of copy 01:Waiting for stopping copy 02:Copying 03:Waiting for execution	
	04:Pause 05:Waiting for re-execute	
	★★ <sup>(13)</sup> :Restore status	
	00:Stop of restore 01:Waiting for stopping restore	
	02:Restoring 03:Waiting for execution	
	04:Pause	
	★★ <sup>(14)</sup> :Bookmark	
	00:Stop 01:Acquiring bookmark information	
	02:Registering 03:Picture copy	
	★★ <sup>(15)</sup> :Reserved	
	★★ <sup>(16)</sup> :Motion detection status	
	00:Stop of motion detection 01:Waiting for stopping motion detection	
	02:Stop due to setting 03:Waiting for stopping due to setting	
	04:Execute 05:Waiting for execution	
	06:Test mode	
	★★ <sup>(17)</sup> :Acquiring information status	
	00:Stop 01:Waiting for acquisition	
	★★ <sup>(18)</sup> :Device initialization status	
	00:Stop 01:Initializing	
	★★ <sup>(19)</sup> :Lock status	
	00:Lock Off 01:Level 1 02:Level 2 03:Level 3	
	★★ <sup>(20)</sup> :Disk management password lock status	
	00:Off 01:On	
	★★ <sup>(21)</sup> :Timer status	
	00:Off 01:On 02:Error	
	★★ <sup>(22)</sup> :Alarm input prevention status	
	00:Alarm input enabled 01:Alarm input disabled	
	★★ <sup>(23)</sup> :PTZ mode status	
	00:Off 01:On	
	★★ <sup>(24)</sup> :Sequence status (output A)	
	00:Off 01:On	
	★★ <sup>(25)</sup> :Sequence status (output B)	
	00:Off 01:On	
	★★ <sup>(26)</sup> :Output A/B switching status	
	00:Output A 01:Output B	
	★★ <sup>(27)-(40)</sup> :Reserved	
	★★ <sup>(41)</sup> :Error type (Refer to page 4.)	

## Command code table (continued)

### ◆ RS-232C [Direct operation specification] status check command form (2/2)

Command	Status	Note
<b>&lt;Inquiry for display status&gt;</b> SWQ, ** <sup>(1)</sup> #1	RC #2 EX, ** <sup>(2)</sup> SWQ, ** <sup>(1)</sup> , *** <sup>(3)</sup> #2	** <sup>(1)</sup> : Display output port 00: Output A    01: Output B ** <sup>(2)</sup> : Error type (Refer to page 4.) *** <sup>(3)</sup> : Display mode 0101: CH1    0102: CH2    0103: CH3    0104: CH4    0105: CH5    0106: CH6 0107: CH7    0108: CH8    0109: CH9    0110: CH10    0111: CH11    0112: CH12 0113: CH13    0114: CH14    0115: CH15    0116: CH16 0100: Single screen sequential 0401: Split 4a    0402: Split 4b    0403: Split 4c    0404: Split 4d    0400: Split 4 screen sequential 0901: Split 9a    0902: Split 9b    0900: Split 9 screen sequential 1001: Split 10a    1002: Split 10b    1000: Split 10 screen sequential 1301: Split 13a    1302: Split 13b    1300: Split 13 screen sequential 1601: Split 16
<b>&lt;Inquiry for recording status&gt;</b> RCQ #1	RC #2 EX, ** <sup>(17)</sup> RCQ, ** <sup>(1)</sup> ** <sup>(2)</sup> ** <sup>(3)</sup> ** <sup>(4)</sup> ** <sup>(5)</sup> ** <sup>(6)</sup> ** <sup>(7)</sup> ** <sup>(8)</sup> ** <sup>(9)</sup> ** <sup>(10)</sup> ** <sup>(11)</sup> ** <sup>(12)</sup> ** <sup>(13)</sup> ** <sup>(14)</sup> ** <sup>(15)</sup> ** <sup>(16)</sup> #2	** <sup>(1)-(16)</sup> : Recording status of camera number 01-16 00: Stop of recording    01: During normal recording 02: During alarm recording    03: During emergency recording ** <sup>(17)</sup> : Error type (Refer to page 4.)

## Command code table (continued)

### ◆ RS-232C [Quasi-front panel operation] command form (1/2)

Operational Button	Command	Status	Note
POWER	KKP0 #1	RC #2 EX, ** #2(2)KKP0 #2	Power On/Off ** #3(3):Error type (Refer to page 4.)
REC/STOP	KKR0 #1 KKR1 #1	RC #2 EX, ** #2(2)KKR0 #2 RC #2 EX, ** #2(2)KKR1 #2	Recording Stop recording ** #3(3):Error type (Refer to page 4.)
STOP	KKB0 #1	RC #2 EX, ** #2(2)KKB0 #2	Stop playback ** #3(3):Error type (Refer to page 4.)
PLAY	KKB1 #1	RC #2 EX, ** #2(2)KKB1 #2	Playback (forward direction) ** #3(3):Error type (Refer to page 4.)
REV. PLAY	KKB2 #1	RC #2 EX, ** #2(2)KKB2 #2	Playback (reverse direction) ** #3(3):Error type (Refer to page 4.)
PAUSE/ JUMP TO END	KKB4 #1	RC #2 EX, ** #2(2)KKB4 #2	Pausing playback ** #3(3):Error type (Refer to page 4.)
TIMER	KKT0 #1 KKT1 #1	RC #2 EX, ** #2(2)KKT0 #2 RC #2 EX, ** #2(2)KKT1 #2	Timer On Timer Off ** #3(3):Error type (Refer to page 4.)
DIGITAL ZOOM	KKEZM #1	RC #2 EX, ** #2(2)KKEZM #2	Digital zoom ** #3(3):Error type (Refer to page 4.)
SEQUENCE	KKE #1	RC #2 EX, ** #2(2)KKE #2	Sequential display ** #3(3):Error type (Refer to page 4.)
SPLIT screen	KKE04 #1 KKE09 #1 KKE10 #1 KKE13 #1 KKE16 #1	RC #2 EX, ** #2(2)KKE04 #2 RC #2 EX, ** #2(2)KKE09 #2 RC #2 EX, ** #2(2)KKE10 #2 RC #2 EX, ** #2(2)KKE13 #2 RC #2 EX, ** #2(2)KKE16 #2	Split 4 screen display Split 9 screen display Split 10 screen display Split 13 screen display Split 16 screen display ** #3(3):Error type (Refer to page 4.)
Camera number (CH1-CH16)	KKD01 #1 KKD02 #1 KKD03 #1 KKD04 #1 KKD05 #1 KKD06 #1 KKD07 #1 KKD08 #1 KKD09 #1 KKD10 #1 KKD11 #1 KKD12 #1 KKD13 #1 KKD14 #1 KKD15 #1 KKD16 #1	RC #2 EX, ** #2(2)KKD01 #2 RC #2 EX, ** #2(2)KKD02 #2 RC #2 EX, ** #2(2)KKD03 #2 RC #2 EX, ** #2(2)KKD04 #2 RC #2 EX, ** #2(2)KKD05 #2 RC #2 EX, ** #2(2)KKD06 #2 RC #2 EX, ** #2(2)KKD07 #2 RC #2 EX, ** #2(2)KKD08 #2 RC #2 EX, ** #2(2)KKD09 #2 RC #2 EX, ** #2(2)KKD10 #2 RC #2 EX, ** #2(2)KKD11 #2 RC #2 EX, ** #2(2)KKD12 #2 RC #2 EX, ** #2(2)KKD13 #2 RC #2 EX, ** #2(2)KKD14 #2 RC #2 EX, ** #2(2)KKD15 #2 RC #2 EX, ** #2(2)KKD16 #2	CH1 CH2 CH3 CH4 CH5 CH6 CH7 CH8 CH9 CH10 CH11 CH12 CH13 CH14 CH15 CH16 ** #3(3):Error type (Refer to page 4.)
LOCK	KKL0 #1 KKL1 #1	RC #2 EX, ** #2(2)KKL0 #2 RC #2 EX, ** #2(2)KKL1 #2	Lock Releasing lock ** #3(3):Error type (Refer to page 4.)
SET UP	KKM #1	RC #2 EX, ** #2(2)KKM #2	Setting menu ** #3(3):Error type (Refer to page 4.)
SEARCH	KKK0 #1	RC #2 EX, ** #2(2)KKK0 #2	Search menu ** #3(3):Error type (Refer to page 4.)
OUTPUT A/B	KKOSL #1	RC #2 EX, ** #2(2)KKOSL #2	Switching between OUTPUT A and B ** #3(3):Error type (Refer to page 4.)

## Command code table (continued)

### ◆ RS-232C [Quasi-front panel operation] command form (2/2)

Operational Button	Command	Status	Note
JOG dial	KKJ0 <a href="#">F1</a>	RC <a href="#">F2</a> EX, ** <sup>(2)</sup> KKJ0 <a href="#">F2</a>	Turning the JOG dial to the right
	KKJ1 <a href="#">F1</a>	RC <a href="#">F2</a> EX, ** <sup>(2)</sup> KKJ1 <a href="#">F2</a>	Turning the JOG dial to the left ** <sup>(3)</sup> : Error type (Refer to page 4.)
SHUTTLE ring	KKS00 <a href="#">F1</a>	RC <a href="#">F2</a> EX, ** <sup>(2)</sup> KKS00 <a href="#">F2</a>	SHUTTLE ring (center)
	KKS01 <a href="#">F1</a>	RC <a href="#">F2</a> EX, ** <sup>(2)</sup> KKS01 <a href="#">F2</a>	SHUTTLE ring (right 1)*
	KKS02 <a href="#">F1</a>	RC <a href="#">F2</a> EX, ** <sup>(2)</sup> KKS02 <a href="#">F2</a>	SHUTTLE ring (right 2)*
	KKS03 <a href="#">F1</a>	RC <a href="#">F2</a> EX, ** <sup>(2)</sup> KKS03 <a href="#">F2</a>	SHUTTLE ring (right 3)*
	KKS04 <a href="#">F1</a>	RC <a href="#">F2</a> EX, ** <sup>(2)</sup> KKS04 <a href="#">F2</a>	SHUTTLE ring (right 4)*
	KKS11 <a href="#">F1</a>	RC <a href="#">F2</a> EX, ** <sup>(2)</sup> KKS11 <a href="#">F2</a>	SHUTTLE ring (left 1)*
	KKS12 <a href="#">F1</a>	RC <a href="#">F2</a> EX, ** <sup>(2)</sup> KKS12 <a href="#">F2</a>	SHUTTLE ring (left 2)*
	KKS13 <a href="#">F1</a>	RC <a href="#">F2</a> EX, ** <sup>(2)</sup> KKS13 <a href="#">F2</a>	SHUTTLE ring (left 3)*
	KKS14 <a href="#">F1</a>	RC <a href="#">F2</a> EX, ** <sup>(2)</sup> KKS14 <a href="#">F2</a>	SHUTTLE ring (left 4)* ** <sup>(3)</sup> : Error type (Refer to page 4.) *Be sure to send the SHUTTLE (center) command after sending SHUTTLE (right) or SHUTTLE (left) command. SHUTTLE ring operation continues until SHUTTLE (center) command is sent.
	TRIPLEX PB	KKCPB <a href="#">F1</a>	RC <a href="#">F2</a> EX, ** <sup>(2)</sup> KKCPB <a href="#">F2</a>
BOOK MARK	KKBKM <a href="#">F1</a>	RC <a href="#">F2</a> EX, ** <sup>(2)</sup> KKBKM <a href="#">F2</a>	Bookmark ** <sup>(3)</sup> : Error type (Refer to page 4.)
HELP	KKHLP <a href="#">F1</a>	RC <a href="#">F2</a> EX, ** <sup>(2)</sup> KKHLP <a href="#">F2</a>	Help ** <sup>(3)</sup> : Error type (Refer to page 4.)
PTZ	KKPTZ0 <a href="#">F1</a>	RC <a href="#">F2</a> EX, ** <sup>(2)</sup> KKPTZ0 <a href="#">F2</a>	PTZ mode
	KKPTZ1 <a href="#">F1</a>	RC <a href="#">F2</a> EX, ** <sup>(2)</sup> KKPTZ1 <a href="#">F2</a>	Cascade mode ** <sup>(3)</sup> : Error type (Refer to page 4.)

# Command code table (continued)

## ◆ Status condition change notification (1/2)

Mode	Status	Note
Warning notification	LOG,*** <sup>(1)</sup> *** <sup>(2)</sup> *** <sup>(3)</sup> *** <sup>(4)</sup> *** <sup>(5)</sup> *** <sup>(6)</sup> ** <sup>(7)</sup> ***** <sup>(8)</sup> ㉔	<p>***<sup>(1)</sup>:Log number</p> <p>1100:Recording/Full (Normal area) 1101:Recording/Full (Alarm area) 1102:Recording/Full (LPA area) 1200:Recording/Remaining capacity warning (Normal area) 1201:Recording/Remaining capacity warning (Alarm area) 1202:Recording/Remaining capacity warning (LPA area) 13□□:Recording operational error 14□□:Abnormal recording operation 24□□:Abnormal playback operation 3100:Copy/Full (Copy 1) 33□□:Copy 1 operational error 34□□:Abnormal Copy 1 operation 4100:Restore/Full (Normal area) 4101:Restore/Full (Alarm area) 4102:Restore/Full (LPA area) 43□□:Restore operational error 44□□:Abnormal restore operation 7100:Copy/Full (Copy 2) 7200:Copy/Remaining capacity warning (Copy 2) 73□□:Copy 2 operation error 74□□:Abnormal Copy 2 operation</p> <p>*Following numbers are entered in □□.</p> <p>00:A (internal)      01:B (internal)      02:C (internal) 10-25:USB (external) (24:DVD/CD, 25:USB memory) 30-35:SCSI (external) 40-47:NAS (external)</p> <p>**<sup>(2)</sup>:Year (01-37) **<sup>(3)</sup>:Month (01-12) **<sup>(4)</sup>:Day (01-31) **<sup>(5)</sup>:Hour (00-23) **<sup>(6)</sup>:Minute (00-59) **<sup>(7)</sup>:Second (00-59) *****<sup>(8)</sup>:IP address 000.000.000.000-255.255.255.255</p>
Recording start/end notification	NTFY00,*** <sup>(1)</sup> *** <sup>(2)</sup> *** <sup>(3)</sup> *** <sup>(4)</sup> *** <sup>(5)</sup> *** <sup>(6)</sup> ** <sup>(7)</sup> ** <sup>(8)</sup> ** <sup>(9)</sup> ** <sup>(10)</sup> ** <sup>(11)</sup> ** <sup>(12)</sup> ** <sup>(13)</sup> ** <sup>(14)</sup> ** <sup>(15)</sup> ** <sup>(16)</sup> ** <sup>(17)</sup> ** <sup>(18)</sup> ** <sup>(19)</sup> ** <sup>(20)</sup> ** <sup>(21)</sup> ** <sup>(22)</sup> ** <sup>(23)</sup> ** <sup>(24)</sup> ***** <sup>(25)</sup> ㉔	<p>***<sup>(1)</sup>-<sup>(16)</sup>:Recording condition of camera numbers 1 to 16</p> <p>00:Stop mode of recording      01:Normal recording from stop mode 02:Alarm recording from stop mode      03:Emergency recording from stop mode 10:Stop of normal recording      11:During normal recording 12:Alarm recording from normal recording      13:Emergency recording from normal recording 20:Stop of alarm recording      21:Normal recording from alarm recording 22:During alarm recording      23:Emergency recording from alarm recording 30:Stop of emergency recording      31:Normal recording from emergency recording 32:Alarm recording from emergency recording      33:During emergency recording</p> <p>**<sup>(17)</sup>:Factor of recording condition change</p> <p>00:REC/REC STOP button      01:Rear terminal (ALARM IN, EMERGENCY terminal) 02:Motion detection      03:Communication 04:Rear terminal (REC, REC/STOP terminal)      05:End of alarm/emergency recording time</p> <p>&lt;When factor of recording condition change is rear terminal (ALARM IN, EMERGENCY terminal)&gt;</p> <p>**<sup>(18)</sup>:Rear terminal number</p> <p>00:ALARM IN 1      01:ALARM IN 2      02:ALARM IN 3      03:ALARM IN 4 04:ALARM IN 5      05:ALARM IN 6      06:ALARM IN 7      07:ALARM IN 8 08:ALARM IN 9      09:ALARM IN 10      10:ALARM IN 11      11:ALARM IN 12 12:ALARM IN 13      13:ALARM IN 14      14:ALARM IN 15      15:ALARM IN 16 16:EMERGENCY</p> <p>&lt;When factor of recording condition change is motion detection:&gt;</p> <p>**<sup>(18)</sup>:Motion-detected camera number</p> <p>00:CH1      01:CH2      02:CH3      03:CH4 04:CH5      05:CH6      06:CH7      07:CH8 08:CH9      09:CH10      10:CH11      11:CH12 12:CH13      13:CH14      14:CH15      15:CH16</p> <p>&lt;Other cases&gt;</p> <p>**<sup>(18)</sup>:00 **<sup>(19)</sup>:Year (01-37) **<sup>(20)</sup>:Month (01-12) **<sup>(21)</sup>:Day (01-31) **<sup>(22)</sup>:Hour (00-23) **<sup>(23)</sup>:Minute (00-59) **<sup>(24)</sup>:Second (00-59) *****<sup>(25)</sup>:IP address 000.000.000.000-255.255.255.255</p>

## Command code table (continued)

### ◆ RS-232C Status condition change notification (2/2)

Mode	Status	Note
Alarm notification	NTFY01, ***(1)***(2)***(3)***(4)***(5)***(6) ***(7)***(8)***** <sup>(9)</sup>	<p>***<sup>(1)</sup>:Alarm number</p> <p>00:Alarm 1      01:Alarm 2      02:Alarm 3      03:Alarm 4 04:Alarm 5      05:Alarm 6      06:Alarm 7      07:Alarm 8 08:Alarm 9      09:Alarm 10      10:Alarm 11      11:Alarm 12 12:Alarm 13      13:Alarm 14      14:Alarm 15      15:Alarm 16 16:Emergency</p> <p>***<sup>(2)</sup>:Trigger</p> <p>00:Rear terminal</p> <p>***<sup>(3)</sup>:Year (01-37)</p> <p>***<sup>(4)</sup>:Month (01-12)</p> <p>***<sup>(5)</sup>:Day (01-31)</p> <p>***<sup>(6)</sup>:Hour (00-23)</p> <p>***<sup>(7)</sup>:Minute (00-59)</p> <p>***<sup>(8)</sup>:Second (00-59)</p> <p>*****<sup>(9)</sup>:IP address 000.000.000.000-255.255.255.255</p>
Signal detection notification	NTFY02, ***(1)***(2)***(3)***(4)***(5)***(6) ***(7)***(8)***(9)***(10)***(11)***(12)***(13) ***(14)***(15)***(16)***(17)***(18)***(19) ***(20)***(21)***(22)***(23) ***** <sup>(24)</sup>	<p>***<sup>(1)</sup>:Signal detection status</p> <p>00:No signal detected (in the mode other than recording) 01:Signal detected (in the mode other than recording) 02:No signal detected (during recording)      03:Signal detected (during recording)</p> <p>***<sup>(2)</sup>:The number of cameras without signal/with signal 01-16</p> <p>***<sup>(3)-(17)</sup>:Camera number of which signal is detected/is not detected (Outputs for the number of cameras without signal/with signal.)</p> <p>00:CH1      01:CH2      02:CH3      03:CH4 04:CH5      05:CH6      06:CH7      07:CH8 08:CH9      09:CH10      10:CH11      11:CH12 12:CH13      13:CH14      14:CH15      15:CH16</p> <p>***<sup>(18)</sup>:Year (01-37)</p> <p>***<sup>(19)</sup>:Month (01-12)</p> <p>***<sup>(20)</sup>:Day (01-31)</p> <p>***<sup>(21)</sup>:Hour (00-23)</p> <p>***<sup>(22)</sup>:Minute (00-59)</p> <p>***<sup>(23)</sup>:Second (00-59)</p> <p>*****<sup>(24)</sup>:IP address 000.000.000.000-255.255.255.255</p>
High temperature detection notification	NTFY03, ***(1)***(2)***(3)***(4)***(5)***(6) ***(7)***** <sup>(8)</sup>	<p>***<sup>(1)</sup>:High temperature detection status</p> <p>00:High temperature detected      01:High temperature warning 10:Recovery from high temperature</p> <p>***<sup>(2)</sup>:Year (01-37)</p> <p>***<sup>(3)</sup>:Month (01-12)</p> <p>***<sup>(4)</sup>:Day (01-31)</p> <p>***<sup>(5)</sup>:Hour (00-23)</p> <p>***<sup>(6)</sup>:Minute (00-59)</p> <p>***<sup>(7)</sup>:Second (00-59)</p> <p>*****<sup>(8)</sup>:IP address 000.000.000.000-255.255.255.255</p>
Fan status notification	NTFY04, ***(1)***(2)***(3)***(4)***(5)***(6) ***(7)***** <sup>(8)</sup>	<p>***<sup>(1)</sup>:Fan status</p> <p>00:Stop of fan      10:Recovery of fan</p> <p>***<sup>(2)</sup>:Year (01-37)</p> <p>***<sup>(3)</sup>:Month (01-12)</p> <p>***<sup>(4)</sup>:Day (01-31)</p> <p>***<sup>(5)</sup>:Hour (00-23)</p> <p>***<sup>(6)</sup>:Minute (00-59)</p> <p>***<sup>(7)</sup>:Second (00-59)</p> <p>*****<sup>(8)</sup>:IP address 000.000.000.000-255.255.255.255</p>

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