

# Mobile Digital Videorecorders

Compact digital video recorder  
20 GB HDD with alarm inputs

EDP-No.: 73878

## DIREX-20.20

- 4 Video Inputs
- Built-in 20 GByte IDE HDD
- Full Duplex Operation
- Video Sensor for Each Channel
- 4 Alarm Inputs
- Activity Diagram
- Ring Memory for Continuous Recording
- Embedded System Non-PC Based System
- High Resolution 704 x 576 Pixels (Photo Mode)
- Picture Comparing Mode
- Dynamically Adaptable
- Very Compact and Robust Unit



## Specifications:

Simplex/Duplex operation	Duplex
System	PAL
Video inputs	4 x 1Vp-p, (C)VBS, 75 ohms, BNC
Video format	B&W (8bits); YUV4:2:0 (8bits)
Resolution	Video mode: 128x96 - 352x288 Pixels (CIF); Photo mode: 128x96 - 704x576 (4CIF)
System requirements	Pentium 133; 32MB RAM; graphic controller 800x600, 65536 (16bit); parallel port, EPP-compatible; OS: Windows 95/98/ME/NT/+SP3/2000/XP; DirectX
Record rate	176x144 pixels: 25 Frames/sec., 256x192 (b&w): 18 Frames/sec., 256x192 (Colour): 12 Frames/sec., 352x288 (b&w): 9 Frames/sec., 352x288 (Colour): 6 Frames/sec. (all channels in total, 20% Motion)
Hard disk capacity	20 GByte IDE HDD
Alarm inputs	4x (potential free)
Remote Software	For remote administration, archiving and search and play function (supplied with the unit)
Compression standard	Video mode ITU-T H.263+, Photo mode JPEG (ITU-T T.81)
Menu languages	German, English

## DIREX-20.20

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<b>Vibration</b>	0.67 G (5-500Hz), random
<b>Shock</b>	200 Gs (2ms)
<b>Temperature range</b>	5°C to +40°C
<b>Supply voltage</b>	5VDC / 1.3A (plugable PSU 100 - 240VAC / 50-60Hz included)
<b>Power consumption</b>	6 watts
<b>Colour</b>	Anthrazit
<b>Dimensions (HxWxD)</b>	35x109x179 mm
<b>Weight</b>	600 g
<b>Parts supplied</b>	DiREX 20, plug-in power supply, manual, EPP data cable, remote software

### Additional descriptions

Compact and robust digital surveillance recorder for various covered and mobile applications. Average memory consumption 7-10 Gbyte/week on permanent recording and maximum picture quality. Often reachable 1-3 GByte/week with motion detection and 2-3 frames/s.

<b>Accessories</b>	
<b>EDP No. / Type</b>	<b>Description</b>
<b>73883 KFZ-5V</b>	PS adapter for DIREX20.20, 9-18V->5VDC
<b>73896 PCCRD-EPP</b>	PC-Card/EPP Adapter for Notebooks w./o. EPP Connection