



The VIP 1000 features DVD quality fully interlaced MPEG-2 video and S-VHS quality MPEG-4 video at up to 30 fps simultaneously over IP networks. Supporting PAL or NTSC sources and full-duplex audio it is available as transmitter or receiver.

The video signal can be received and displayed with a standard browser or decoding software VIDOS. Using the receiver you can integrate box-to-box connections to your system to show video from any MPEG transmitter on analog monitors.

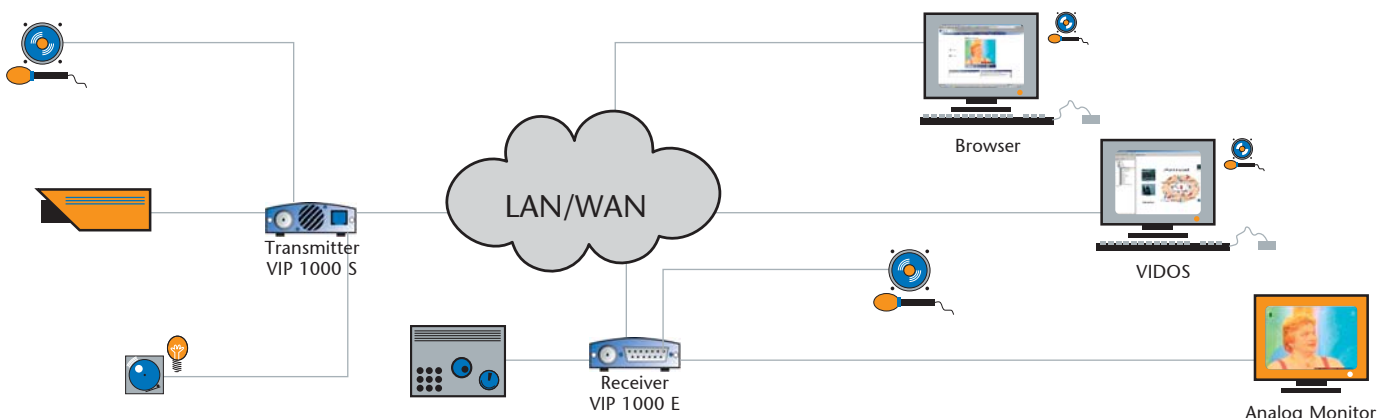
The VIP 1000 provides the complete range of proven features, including Dual Encoding for best use of bandwidth, PTZ control and a FastEthernet port. A USB interface affords connection over wireless LAN, DSL, ISDN or PSTN. Alternatively it offers local disk or Flash memory recording and thereby support of fault-tolerant network video recording with VIDOS-NVR.

Ultra-compact in size the VIP 1000 is perfect for any application that depends on space-saving solutions.

HIGHLIGHTS

- > Single-channel transmitter or receiver
- > MPEG-2 @ full D1/CIF
- > MPEG-4 @ full D1/4CIF/2CIF/half D1/CIF
- > Ultra-compact in size
- > Bandwidth-efficient Dual Encoding
- > Multicasting & Internet Streaming
- > FastEthernet interface
- > Full-duplex audio transmission
- > Comprehensive security features
- > Alarm inputs & relay output
- > Serial data port & USB interface

EXAMPLE



TECHNICAL DATA

SPECIFICATIONS

Video Standards	ISO/IEC13818-2 (MPEG-2) MP@ML; ISO/IEC14496 (MPEG-4); M-JPEG
Video Data Rate	MPEG-2: 1 MBit/s - 8 MBit/s MPEG-4: 9.6 kBit/s - 4 MBit/s Constant & variable
Video Resolution	MPEG-2: 720 x 576/480 (full D1: 50 resp. 60 fields/s**) 352 x 288 (CIF: 25 resp. 30 fps**) MPEG-4: 720 x 576/480* (full D1: 7 fields/s**) 704 x 576* (4CIF: 7 fps**) 704 x 288 (2CIF: 14 fps**) 352 x 576/480* (half D1: 25 resp. 30 fields/s**) 352 x 288 (CIF: 25 resp. 30 fps**) 176 x 144 (QCIF: 25 resp. 30 fps**)
GOP Structure	I, IP, IPB, IPBB
Overall Delay (IP)	MPEG-2: 198 resp. 180 ms (PAL resp. NTSC) MPEG-4: 100 ms
Select. Frame Rate	1-50 resp. 60 fields/s (PAL resp. NTSC); Field/frame based coding
Audio Standards	MPEG-1: ISO/IEC 11172-3; MPEG-2: Layer I/II; 300 Hz - 10 kHz MPEG-4: G.711; 300 Hz - 3.4 kHz
Audio Data Rate	MPEG-2: 256 kBit/s MPEG-4: 80 kBit/s
Audio Sampl. Rate	MPEG-2: 48 kHz MPEG-4: 8 kHz
Multiplex Standards	MPEG-2: ISO/IEC 13818-1
Stream Types	Elementary (video only), program stream
Network Protocols	RTP, Telnet, UDP, TCP, IP, HTTP, IGMP, ICMP, ARP, SNMP
Software Update	Flash ROM, remote programmable
Configuration	Via Web browser, built-in Web server

INTERFACES

Video In (Transm.)	1x analog composite: NTSC or PAL; BNC connector 75 Ohm switchable, 0.7-1.2 Vpp
Video Out (Receiv.)	1x analog composite: NTSC or PAL; BNC connector 75 Ohm, 1 Vpp
Audio In	1x clamp mono line in, 3 Vpp, ca. 50 kOhm
Audio Out	1x clamp mono line out, 2.5 Vpp, 60 mW, min. 8 Ohm
Alarm In	2x clamp (non-isolated closure contact type), max. activation resistance 10 Ohm
Relay Out	1x clamp, 30 Vpp, 1 A
COM Port	1x RS232/422/485, RJ45 (Transmitter) resp. 9-pin Sub-D (Receiver)
USB Port	1x 2.0 external interface
Ethernet	10/100 Base-T, autosensing, half/full duplex, RJ45

POWER, ENVIRONMENTAL, APPROVALS

Input Voltage	12-24 VDC, spring clamp contact
Power Consumption	App. 10 VA
Weight	App. 0.3 kg
Operating Temp.	0 - 50 °C (32 - 122 °F) ambient temperature
Humidity	20 - 80%, atmospheric humidity (not cond.)
Approvals	CE: IEC 60950; UL 1950; J 60950; AS/NZS 3548; EN 55103-1, -2; EN 55130-4; EN 55022; EN 55024; EN 61000-3-2; EN 61000-3-3; FCC 47 CFR Ch.1 Part 15

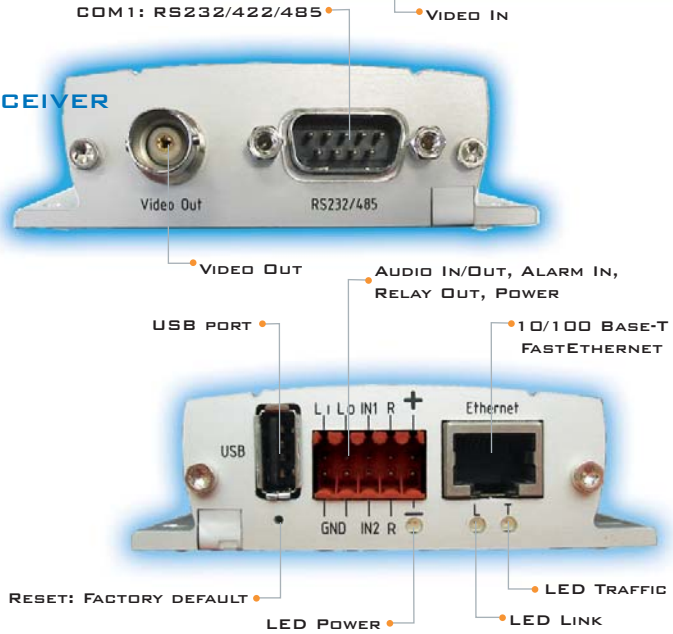
*Firmware 2.1 and higher w/o USB **depends on picture content



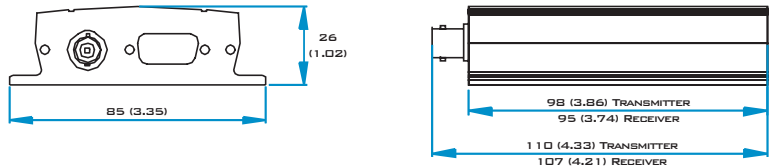
TRANSMITTER



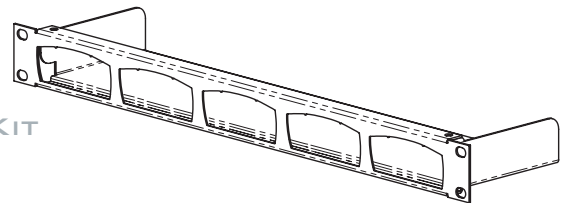
RECEIVER



SIZES IN MM (INCHES)



RACK MOUNT KIT



ORDERING INFORMATION

ARTICLE-CODE DESCRIPTION

2975	VIP 1000 S Single-channel MPEG-2/4 Video Transmitter
2976	VIP 1000 E Single-channel MPEG-2/4 Video Receiver
1412/1	VIP Rack Mount Kit (up to 5 units in 1 HU)
1110/21	Power supply for VIP product family
on request	Web Toolkit, SDK, RCP+ Reference

CONTENT OF DELIVERY (BOXED VERSION)

- VIP 1000 Transmitter or Receiver with international plug-in power supply
- RS232 Null modem cable
- Wall Mount Kit
- Quick Installation Guide (german/english)
- CD-ROM with manual (german/english) and software

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