



The VIP 10 features S-VHS quality MPEG-4 video at up to 30 fps and full-duplex audio over IP networks. Supporting PAL or NTSC sources 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-4 transmitter on analog monitors.

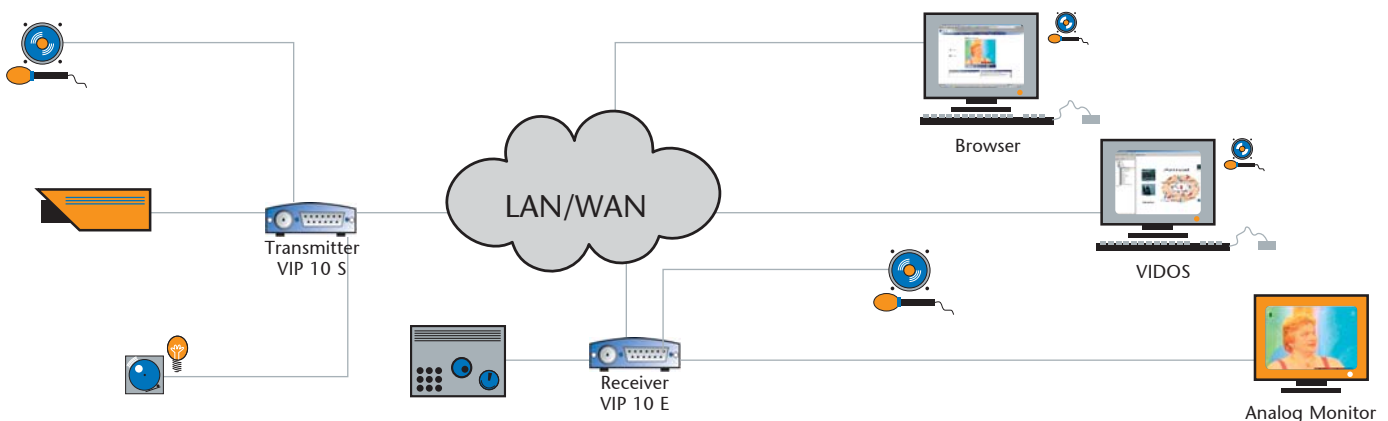
The VIP 10 provides the complete range of proven features, including Dual Encoding for best use of bandwidth, PTZ control and a FastEthernet port. A USB interface affords connection over wireless LAN, DSL, ISDN or PSTN. Alternatively it offers local disk or Flash memory recording and thereby support of fault-tolerant network video recording with VIDOS-NVR.

Ultra-compact in size the VIP 10 is perfect for any application that depends on space-saving solutions.

HIGHLIGHTS

- > Single-channel transmitter or receiver
- > 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

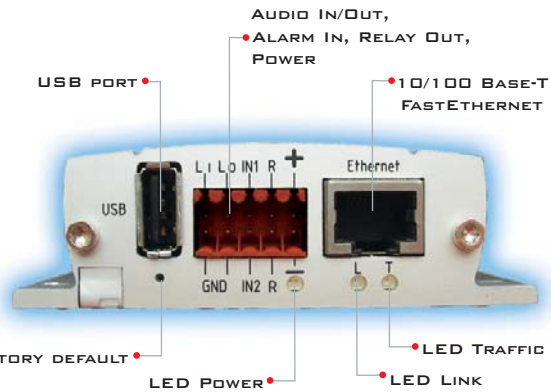
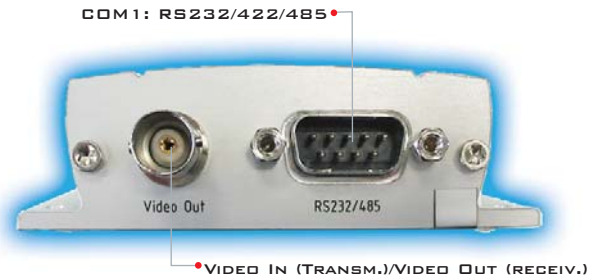
Video Standards	ISO/IEC 14496 (MPEG-4); M-JPEG
Video Data Rate	9.6 kbit/s - 4 Mbit/s
Video Resolution	720 x 576/480* (full D1: 7 fields/s**) 704 x 576* (4CIF: 7 fps**) 704 x 288 (2CIF: 14 fps**) 352 x 576/480* (half D1: 25 resp. 30 fields/s**) 352 x 288 (CIF: 25 resp. 30 fps**) 176 x 144 (QCIF: 25 resp. 30 fps**)
Overall Delay (IP)	100 ms
Audio Standards	G.711; 300 Hz - 3.4 kHz
Audio Data Rate	80 kbit/s
Audio Sampl. Rate	8 kHz
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

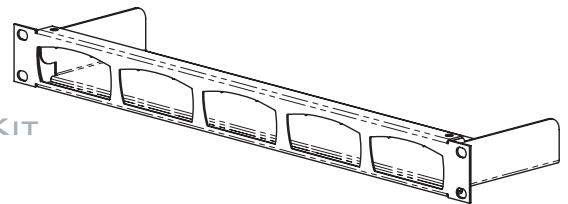
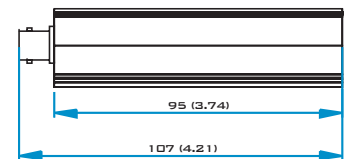
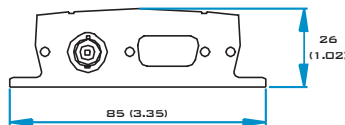
Video In (Transm.)	1x analog composite: NTSC or PAL; BNC connector 75 Ohm switchable, 0.7-1.2 Vpp
Video Out (Receiv.)	1x analog composite: NTSC or PAL; BNC connector 75 Ohm, 1 Vpp
Audio In	1x clamp mono line in, 3 Vpp, ca. 50 kOhm
Audio Out	1x clamp mono line out, 2.5 Vpp, 60 mW, min. 8 Ohm
Alarm In	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, 9-pin Sub-D
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



SIZES IN MM (INCHES)



RACK MOUNT KIT

ORDERING INFORMATION

ARTICLE-CODE DESCRIPTION

2010	VIP 10 S Single-channel MPEG-4 Video Transmitter
2011	VIP 10 E Single-channel MPEG-4 Video Receiver
1412/1	VIP 10 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

- VIP 10 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

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

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