

VIP 10 Single - channel MPEG-4 Encoder or Decoder



Security Systems



- Single Channel Encoder or Decoder
- MPEG-4 Compression
- Dual Streaming, View at One Quality, Record at Another
- Two-way Audio
- Alarm Inputs and Relay Output
- PTZ Control
- Built-in Web Server
- Multicast & Internet Streaming

The VIP 10 features S-VHS quality MPEG-4 video at up to 30 fps and two-way audio over IP networks.

Supporting PAL / NTSC sources it is available in two models, either as an encoder or decoder.

The video signal can be received and displayed with a standard web browser or VIDOS video management software. Using a decoder you can integrate point-to-point connections into your system to display video from any camera on your analog monitors.

The VIP 10 provides dual streaming for viewing at one resolution and/or frame rate, and recording at another. This reduces disk storage costs and minimizes network traffic.

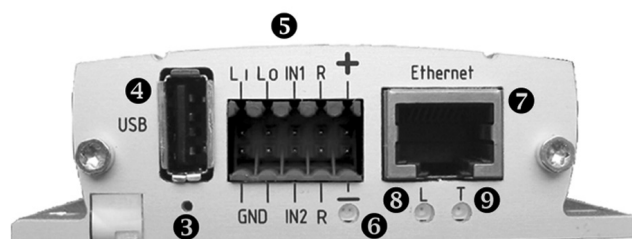
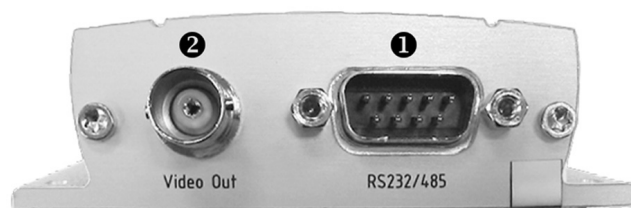
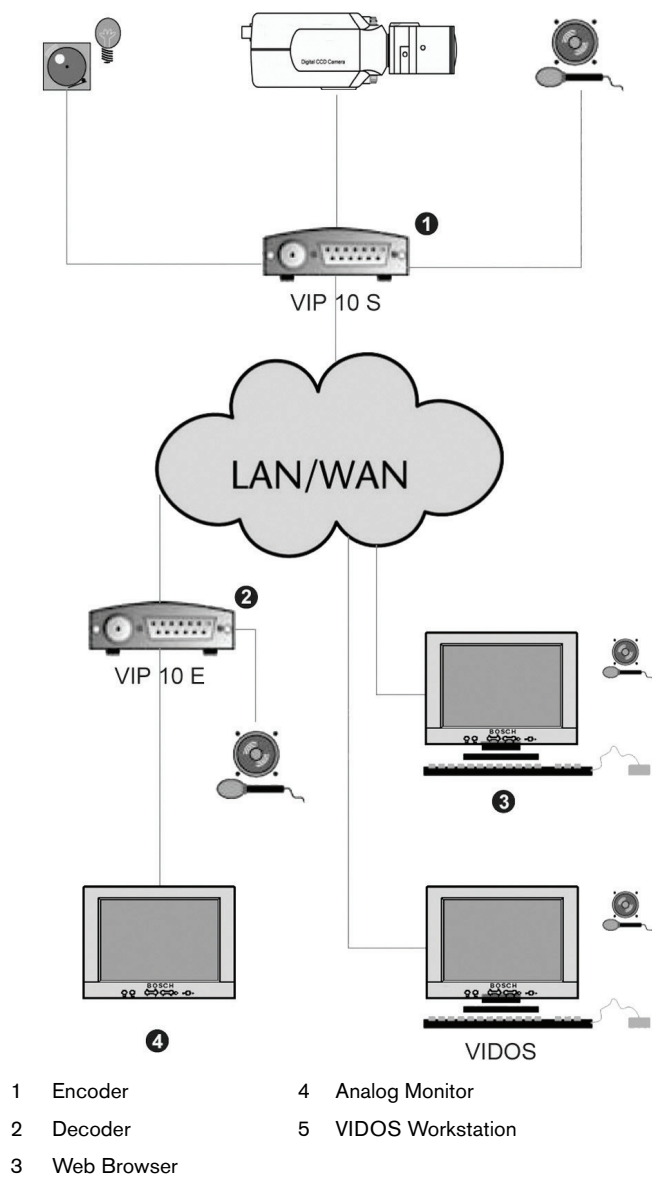
The VIP 10 supports remote control of popular PTZ cameras, domes, and multiplexers. It includes sophisticated directional motion detection to conserve bandwidth and centralized storage.

The VIP 10 is tiny enough to be embedded within a camera housing, or can be mounted near the camera, or centrally rack-mounted. The VIP 10 is the perfect solution for any compact MPEG-4 application.

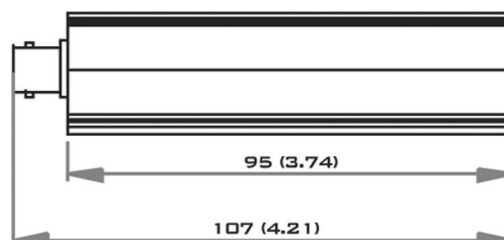
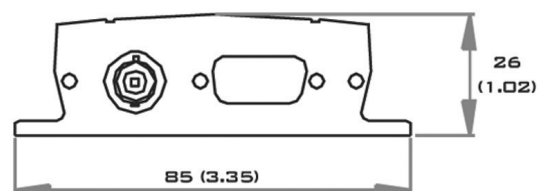
Parts Included

Quantity	Component
1	VIP 10 encoder or decoder with 110/220 V external power supply
1	RS232 Null modem cable
1	Quick installation Guide
1	CD-ROM with manual

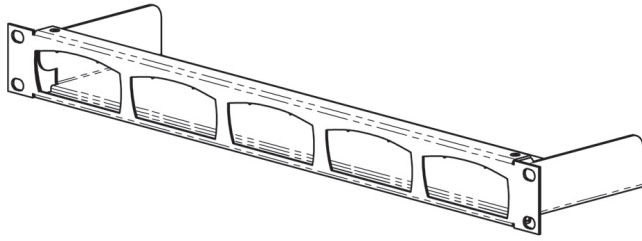
Installation/Configuration Notes



- | | | | |
|---|--|---|-------------------------------|
| 1 | COM1: RS232/422/485 | 6 | LED Power |
| 2 | Video in / out
(encoder / decoder) | 7 | 10/100 Base-T
FastEthernet |
| 3 | Factory Reset | 8 | LED Link |
| 4 | USB Port (not used) | 9 | LED Traffic |
| 5 | - Audio in/out
- Alarm In (x2)
- Relay out
- Power
- Ground (x2) | | |



Dimensions in mm (inches)



Rack Mount Kit

Technical Specifications

Electrical

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**) 720 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

*) Supported from Firmware version 2.10 onwards

**) Depends on picture content

Interfaces

Video In (Transmitter)	1x analog composite: NTSC or PAL; BNC connector 75 Ohm switchable, 0.7-1.2 Vpp
Video Out (Receiver)	1x analog composite: NTSC or PAL; BNC connector 75 Ohm, 1 Vpp
Audio In	1 clamp mono line in, 3Vpp, ca. 50 kOhm
Audio Out	1 clamp mono line out, 2.5 Vpp, 60 mW, 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
Ethernet	10/100 Base-T, auto sensing, half/full duplex, RJ45

Environmental

Input Voltage	12-24 VDC, spring clamp contact
Power usage	App. 10 VA
Weight	App. 0.3 kg (0.66lbs)
Operating Temperature	0°C - 50°C (32 - 122 °F) ambient temperature
Humidity	20 - 80%, atmospheric humidity (not condensing)
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

Ordering Information

Model & Description

VIP 10S 2010

MPEG – 4 dual stream encoder, USB audio, serial interface, alarm in and relay out

VIP 10E 2011

MPEG – 4 decoder USB audio, serial interface, alarm in and relay out

Hardware Accessories

VIP 10 Rack mounting kit (up to 4 units in 1 HU)

Rack mount kit for 5 VIP units

PS 1110/21 Power supply for VIP units

Power supply for VJ10 units

Americas:

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