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# VIP 10 Single - channel MPEG-4 Encoder or Decoder



- ▶ 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 and CCIR / EIA sources it is available in two models, either as an encoder or decoder.

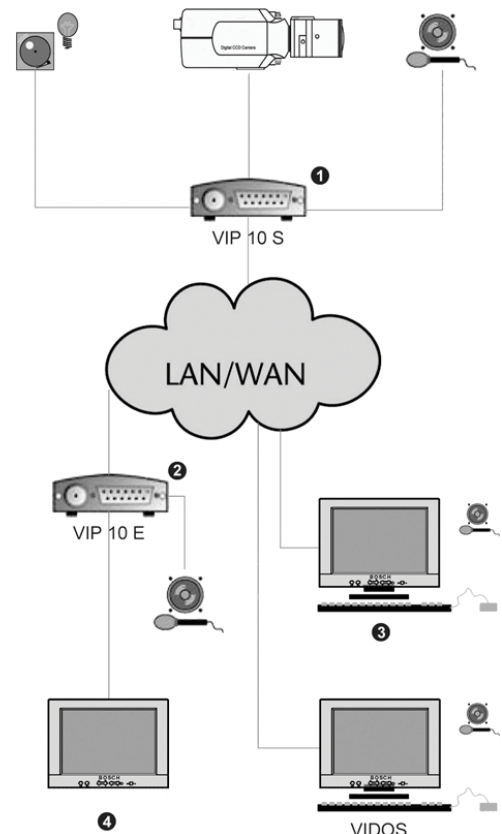
The video signal can be received and displayed with a standard web browser or VIDOS video management software. Using a decoder you can integrate point-to-point connections into your system to display video from any camera on your analog monitors.

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.

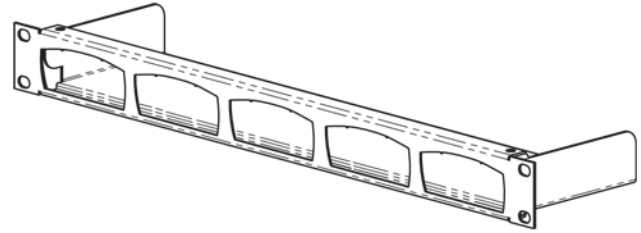
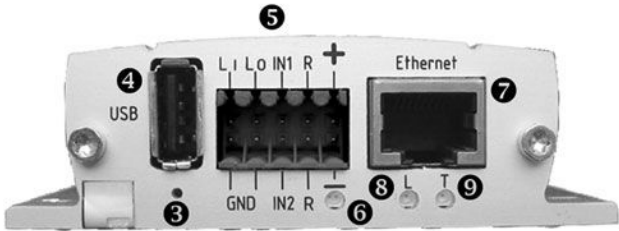
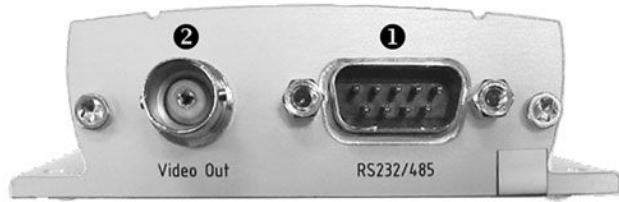
The VIP 10 is tiny enough to be embedded within a camera housing, or can be mounted near the camera, or centrally rack-mounted. The VIP 10 is the perfect solution for any compact MPEG-4 application.

## Installation/Configuration Notes



- 1 Encoder
- 2 Decoder
- 3 Web Browser

- 4 Analog Monitor
- 5 VIDOS Workstation

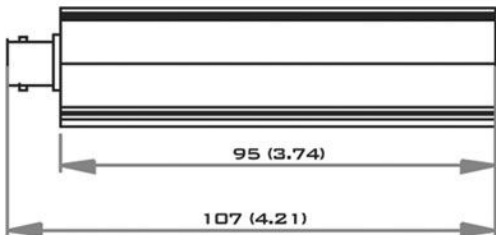
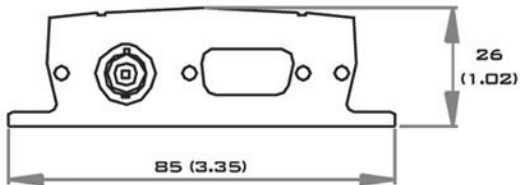


Rack Mount Kit

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   |

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



Dimensions in mm (inches)

## Technical Specifications

### Electrical

|                    |   |
|--------------------|---|
| Video Standards    | ISO/IEC 14496 (MPEG-4); JPEG  |
| Video Data Rate    | 9.6 kBit/s - 4 MBit/s   |
| Video Resolution   | 720 x 576/480* (full D1: 7 fields/s**)<br>720 x 576* (4CIF: 7 fps**)<br>704 x 288 (2CIF: 14 fps**)<br>352 x 576/480* (half D1: 25 resp. 30 fields/s**)<br>352 x 288 (CIF: 25 resp. 30 fps**)<br>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<br>75 Ohm switchable, 0.7-1.2 Vpp  |
| Video Out (Receiver)   | 1x analog composite: NTSC or PAL; BNC connector<br>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,<br>8 Ohm                                    |
| Alarm In               | 2x clamp (non-isolated closure contact type), max.<br>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,<br>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;<br>EN 55103-1, -2; EN 55130-4; EN 55022; EN 55024;<br>EN 61000-3-2; EN 61000-3-3; FCC 47 CFR Ch.1 Part<br>15 |

## Ordering Information

### Model | Description

VIP 10S 2010  
MPEG - 4, dualstream 1 channel encoder, serial interface, alarm in and relay out

VIP 10E 2011  
MPEG - 4 decoder, audio, serial interface, alarm in and relay out

### Hardware Accessories

VIP 10 Rack mounting kit (up to 5 units in 1 HU)  
Rack mount kit for 5 VIP units

PS 1110/21  
Power supply for VIP units

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