



Single Channel PoE Analog to IP Video Encoder TV-VS1P (V1.0R)

TRENDnet's Single Channel PoE Analog to IP Video Encoder, model TV-VS1P, provides advanced IP-based camera functionality to a traditional analog CCTV camera. Convert analog video to digital; view video over any internet connection; record video to a server; and manage motion detection recording and email alerts. No need to install this device near a power source, power and data are received through a single Ethernet cable.

The TV-VS1P converts analog video to resolutions of up to 704 x 480 pixels (4CIF) at 30 frames per second for H.264, MPEG-4, or MJPEG compressed video. Two-way audio support facilitates audio recording and two-way communications. Remote Pan/Tilt/Zoom and Auto Patrol is supported for Pelco D compliant PTZ cameras. Advanced features include motion detection recording, email alerts, scheduled recording sessions, 3GPP support, Samba client support, Input/Output ports to network to alarm systems, date-and-time and other text overlays, mask overlays to conceal sensitive areas, an SD card slot, and digital zoom. This compact device can be mounted on most surfaces.

FEATURES

- IEEE 802.3af PoE compliant device
- 1 x 10/100Mbps PoE Auto-MDIX RJ-45 port
- Optional power port for non-PoE installations
- SD/SDHC card slot *
- BNC video out and video in connectors
- Audio support: built-in Audio jacks for additional 3rd party microphone and speaker
- Input/Output ports (GPIO) to network to alarm systems
- Diagnostic Power and Link LEDs
- Four installation mounting points
- 3x digital zoom
- Pelco D pan/tilt/zoom support: Define Auto-Patrol pan tilt with up to 32 viewing nodes
- High quality H.264, MPEG-4, and MJPEG video recording
- Resolution up to 704 x 576 pixels and up to 30 frames per second (fps)
- Stream Internet camera video to a 3GPP compatible wireless device
- Dynamic DNS support
- Images controls: brightness, saturation, contrast, Hue, and Wide Dynamic Range Correction (WDRC)
- Time, date, and other text overlays
- Mask overlays conceal sensitive areas
- Supports TCP/IP networking, SMTP Email, HTTP, and other Internet protocols
- Recording type: continuous, schedule, or motion detection
- Record streaming video to your computer or Network Storage device with Samba support
- Three motion detection windows with just-in-time snapshot, motion detection triggered email alerts, and image upload to FTP
- Event trigger: motion detection or Input/Output signal
- Event response: email alert, instant snapshot, or video recording
- Send instant messages to Jabber client via Jabber Server
- Supports Quality of Service (QoS) with Differentiated Services Code Point (DSCP)
- Quick Universal Plug and Play (UPnP) installation
- 3-year limited warranty

* SD/SDHC card sold separately

SPECIFICATIONS

GENERAL

Video	<ul style="list-style-type: none">• Video In: CVBS / 1 Vp-p±0.2 / 75 Ohms ; BNC connector• Video Out: CVBS /1 Vp-p /75 Ohms; BNC connector
Audio	<ul style="list-style-type: none">• Line Input: 3.5mm microphone in jack• Line Output: 3.5mm audio out jack• S/N Ratio: < 60dB• Format: PCM/AMR• 2 Way audio supported
GPIO	<ul style="list-style-type: none">• Ground, GPIO in/out, DV12V output, RS485 TX+/TX-
SD Slot	<ul style="list-style-type: none">• Supports SD/SDHC (up to 32GB)
Pan/Tilt/Zoom	<ul style="list-style-type: none">• Protocol: Pelco D• 32 presets• Auto Patrol

HARDWARE

Network	<ul style="list-style-type: none">• IEEE 802.3u 10/100Mbps Fast Ethernet, Auto-MDIX• IEEE 802.3af PoE
LED	<ul style="list-style-type: none">• Power, Link
Reset Button	<ul style="list-style-type: none">• Push and release to reboot• Push and hold for 5 seconds to restore to factory default
Power Consumption	<ul style="list-style-type: none">• 7 Watts
Power	<ul style="list-style-type: none">• 12V, 1.5A external power adapter (for non-PoE installation)
Dimension	<ul style="list-style-type: none">• 160 x 109 x 36 mm (6.3 x 4.3 x 1.4 in.)
Weight	<ul style="list-style-type: none">• 445 g (15.7 oz.)
Temperature	<ul style="list-style-type: none">• Operating: 0°C ~ 45°C (32°F ~ 113°F)• Storage: -15°C ~ 60°C (5°F ~ 140°F)
Humidity	<ul style="list-style-type: none">• Max. 85% (non-condensing)
Certifications	<ul style="list-style-type: none">• CE, FCC

REQUIREMENTS

Management Interface	<ul style="list-style-type: none">• Internet Explorer 6.0 or above
To run Utility	<ul style="list-style-type: none">• Windows 7(32/64-bit), Vista(32/64-bit), XP(32/64-bit)
Network Protocols	<ul style="list-style-type: none">• TCP/IP, IPv4/IPv6, UDP, ICMP, DHCP, NTP, DNS, DDNS, SMTP, FTP, HTTP, HTTPs, Samba, PPPoE, UPnP, Bonjour, RTP, RTSP, RTCP

MANAGEMENT

Remote	<ul style="list-style-type: none">• Remote management supported
Backup / Restore	<ul style="list-style-type: none">• Save/retrieve configuration files

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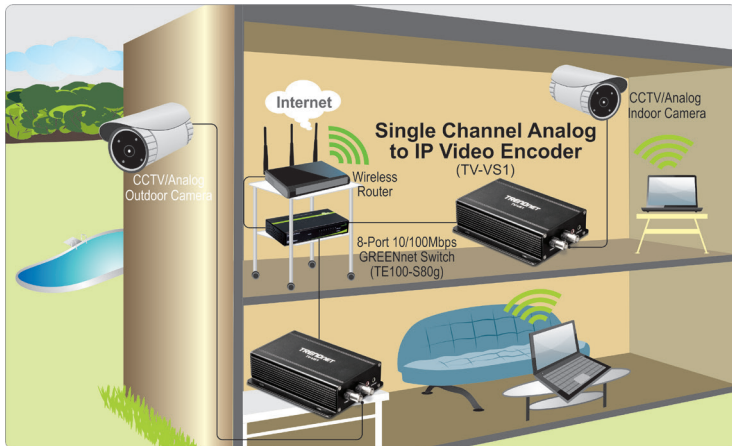
INTERNET
CAMERA

SPECIFICATIONS

SETTINGS

Image	<ul style="list-style-type: none">Brightness, contrast, saturation, mirror (horizontal/vertical)
Video Encoder	<ul style="list-style-type: none">Encoding type: H.264, MPEG4, MJPEGResolution/frame rate(auto-sensing)<ul style="list-style-type: none">704 x 480, 352 x 240, 176 x 120, up to 30 fps (NTSC)704 x 576, 352 x 288, 176 x 144, up to 25 fps (PAL)Compression: 5 levels
Recording	<ul style="list-style-type: none">Recording type: continuous, schedule, or motion detection
Port Settings	<ul style="list-style-type: none">HTTP port: 80 (default), RTSP (554)
Digital Zoom	<ul style="list-style-type: none">3x
Dynamic DNS	<ul style="list-style-type: none">Yes
Time	<ul style="list-style-type: none">Synchronize with NTP server or set time/date manually
SMTP	<ul style="list-style-type: none">Supported up to 2 destination accounts
System Log	<ul style="list-style-type: none">100 items (max.)

NETWORKING SOLUTIONS



PACKAGE CONTENTS

TV-VS1P

Multi-Language Quick Installation Guide

CD-ROM (Utility & User's Guide)

Network cable (1.8 m / 6 ft.)

GPIO Connector

Audio Y cable (3.5 mm)

Power adapter (12 VDC, 1.5 A)

Mounting kit

RELATED PRODUCTS

TV-VS1	Single Channel Analog to IP Video Encoder
TPE-S80	8-Port 10/100Mbps PoE Switch
TPE-224WS	24-Port 10/100Mbps Web Smart PoE Switch with 4 Gigabit Ports and 2 Mini-GBIC Slots

CONTACT INFORMATION

TRENDnet

20675 Manhattan Place, Torrance, CA 90501 USA

Tel: 1-310-961-5500

Fax: 1-310-961-5511

Web: www.trendnet.com

Email: sales@trendnet.com

1-888-326-6061

