

Digital Video Server Family

Dual Stream Video Encoder



DVS-8301

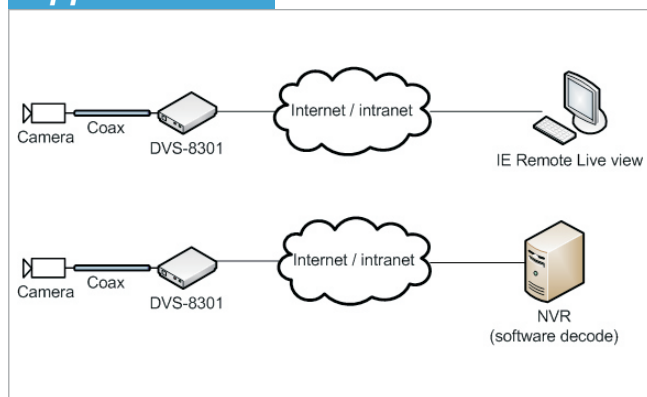
The DVS-8301 supports one analog video input stream. It delivers dual stream (MPEG-4 and MJPEG) @30 fps, 4CIF resolution for remote monitoring anywhere. In addition, the DVS-8301 supports 3GPP mobile protocol, which enables users to monitor via 3G cell phones or any RTSP (Real Time Streaming Protocol) compatible multimedia software on the go.

A complete set of security features includes user access management and HTTPS / SSL encryption. DVS-8301 provides a one channel audio stream for two-way audio applications. Remote power feeding via PoE (Power over Ethernet) is also a feature of the unit. Powerful event management, including image upload to FTP server, alarm notification and I/O control are standard features. Pan/Tilt/Zoom control is done over the RS-485 interface.

Features

- Simultaneous Motion JPEG & MPEG-4 streams up to 4CIF resolution
- Excellent image quality with up to 30 fps in all resolutions
- PoE (Power over Ethernet) enabled device
- Supports two-way audio
- Digital I/O for external alarm or sensor
- Supports 3GPP/ISMA RTSP
- Supports multiple PTZ control protocols through RS-485
- UPnP for fast and easy network installation
- Free bundled 16 channel surveillance & recording software

Application



Specifications

Video Input	1, BNC, looping, 75ohms, 1Vp-p
Video Compression	MPEG4 Simple Profile, Motion JPEG
Video Resolutions	4CIF: NTSC=704*480, PAL=704*576, CIF: NTSC=352*240, PAL=352*288, QCIF: NTSC=176*120, PAL=176*144
Bit Rate	64K ~2Mbps
Video Adjustment	Brightness, Contrast, Hue, Saturation, Constant Bit Rate (CBR), Variable Bit Rate (VBR)
PTZ Interface	RS-485
PTZ Protocols	Pelco D/ Pelco P
PTZ Application	32 preset position, 4 patrol function
LED Indications	Network, Power
Operation System	Linux 2.4
Processor and Memory	ARM9 based 32-bit RISC CPU, 32MB RAM, 8MB Flash
Ethernet	RJ-45 10BaseT/100BaseTX PoE
Terminal Block Connector	RS-485/1 alarm input/ 1 relay output
Audio Streaming	Two-way
Audio Input	3.5 mm mic/line in
Audio Compression	ADPCM 64Kbps
Alarm Trigger	External input, Motion detection
Alarm Events	Pre and post alarm buffer File upload via FTP Notification via email External output activation
Network Protocol	TCP/IP, DHCP, PPPoE, ARP, ICMP, FTP, SMTP, DNS, NTP, IGMP, UPnP, RTSP, RTP, HTTP, TCP, UDP, 3GPP/ISMA RTSP
Application Program	CTCU IP installer (Win32 Application) 16 channel recording software (SVP-Express)
Security	Password protection, HTTPS encryption, user access log
Operating Condition	0~50°C
Storage Condition	0~70°C
Operating Humidity	20~80% RH (non-condensing)
Power	DC 12V, 1A
Dimension	129*98*51.6 mm (W*D*H)
Approvals	CE, FCC, RoHS
Include Accessories	CD with installation and management software, Power supply

Ordering Information

- **DVS-8301** 1 Channel Dual Stream Video Encoder