

# Digital Video Server

## DVS-8301

### Dual Stream Networking Digital Video Server(MPEG4 & Motion-JPEG)



### Features

- PoE (Power over Ethernet) built-in
- Simultaneous Motion-JPEG & MPEG-4 Dual Streaming
- Excellent image quality with up to 30 fps in Full D1 resolution
- Supports two-way audio
- Digital I/O for external alarm or sensor
- Supports 3GPP/ISMA RTSP
- Supports multiple PTZ camera control protocols through RS485
- Intelligent motion detection
- UPnP for fast and easy installation
- Bundled 16 channel surveillance software

### Specifications

Network Environment	
Network Interface	10/100Base-T Ethernet
Protocol	TCP/IP, DHCP, PPPoE, ARP, ICMP, FTP, SMTP, DNS, NTP, IGMP, UPnP, RTSP, RTP, HTTP, TCP, UDP, 3GPP/ISMA RTSP
Management	
Installation	Using CTCU IP installer (Win32 Application)
Protocol	Remote upgrade via FTP, Customized Web UI is upgradeable via FTP and Telnet
Security	Multi-tier access control for configuration
Recording	Directly from web UI while viewing the live video stream, 16 channel free recording software
General Specification	
Dimension	129*98*51.6mm (W*D*H)
Approvals	CE, FCC
Operating Temp.	0~50°C (Operating) ; 0~70°C (Storage)
Operating Humidity	20~80% RHG
Input Voltage	DC 12V, 1A
Power Consumption	Min: 0.44W ; Max: 12.95W
Package Contents	
Content	CD Title with manuals and S/W, Quick installation guide, One Ethernet cable, Power adapter, One mini-DIN/Terminal Block Conversion Cable(Optional)

### Specifications

Video Interface	
Input Channel	One Channel
Video Format	NTSC, PAL
Video Compression	MPEG4 Simple Profile, Motion-JPEG
Video Resolution	Full D1 (4CIF): NTSC=702*480, PAL=702*576, NTSC=352*240, PAL=352*288, NTSC=176*120, PAL=176*144
Video Bit Rate	16K ~2M bits/sec
Video Adjustment	Brightness, Contrast, Hue, Saturation, Frame rate, Bit rate, Constant Bit Rate (CBR), Variable Bit Rate (VBR)
Camera Control	Pan/Tilt/Zoom supported via serial port (RS-485), support 32 preset position, support 4 patrol function
Hardware	
System	CPU: 32 Bits RISC Processor, ROM: 8M Bytes FlashROM RAM: 64MB SDRAM, Embedded OS : Linux
LED Indications	Network and power status
Connector	
Ethernet	One RJ-45 (supports Power-over-Ethernet)
One mini-DIN	For RS-485/GPIO
Audio In	One 3.5mm jack (supports two-ways audio ADPCM 64Kbps)
Audio Out	One 3.5mm jack (supports two-ways audio ADPCM 64Kbps)
BNC	One BNC video input, and one BNC loopback video output
GPIO	Fully opto-isolated one alarm input and one relay output
Event Trigger & Action	
Trigger	GPIO input/Motion detection
Action	Pre and post alarm buffer FTP image to remote side E-mail image to specify account Relay out to control external devices

### Order Information

- DVS-8301 One Channel Dual Stream Network Digital Video Server(MPEG4 & Motion-JPEG)