

Digital Video Server

DVS-8501D

H.264 Digital Video Decoder w/ Smart Web Management

The DVS-8501D is a small-form modular designed on the video decoding module. With this design, it can delivery video decoding signal (up to D1 resolution) via any transmission media. The latency is less than one second. It can switch between 64 video sources for browsing.



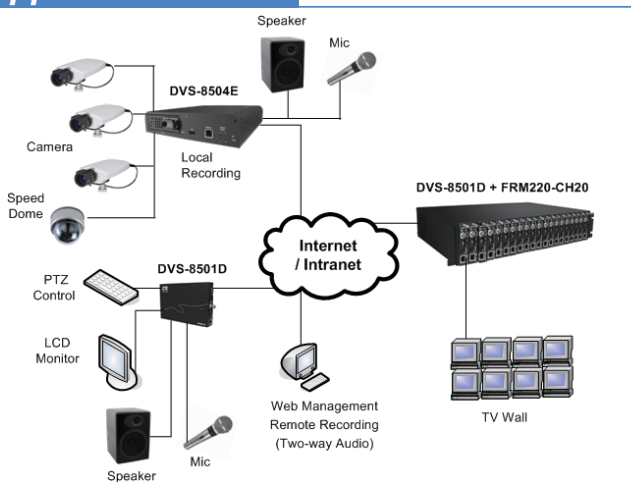
Features

- Complies with H.264 compression technology
- Provides high quality analog video and audio
- Sequence mode for multiple video sources
- Built-in Web server for easy management
- Supports secure management and encrypted video streams
- Decodes video source up to 64 channels
- Provides a expansion slot for VGA port (FRM220-CH01)
- Supports two-way audio
- Fits in single-slot chassis or 20-slot chassis

Specifications

Application	
Configuration Backup / Recovery	Web browser
Firmware Upgrade	Web browser, TFTP
NTP	Sync with PC, Sync with NTP server, Manual
Language	English, Simplified Chinese, Traditional Chinese
Log	System log, operating log
Environment	
Operating temperature	0 to 70 degree (celsius)
Storage temperature	0 to 70 degree (celsius)
Humidity	0 to 95% (non-condensing)
Input Power	12VDC, 1A
Reset	Reset button (factory default)
LED Indications	Power, LAN, video status
Dimension	Line card type: 110*100*45mm (W*D*H)
Net Weight	Line card type: 100g

Application



Specifications

Video Decoding	
Video Decoding	H.264 video with resolution up to 4CIF 64 different video sources (support manual cycling - automatic cycling)
Video Resolution	D1 704x480(NTSC)/704x576(PAL) 2CIF 704x240(NTSC)/704x288(PAL) CIF 352x240(NTSC)/352x288(PAL) QCIF 176x120(NTSC)/176x144(PAL)
Operating System	Embedded Linux
Frame	Frame rates up to 30 (NTSC) / 25 (PAL)
Bit Rate	up to 2Mbps
Video Interface	
Video Input	CTCU H.264 Encoder
Video Output	NTSC / PAL configurable
Resolution	> 500 TVL (depending on source)
Output Channel	1 BNC & 1 VGA (optional FRM220-CH01/AC or FRM220-CH01/DC chassis)
Audio Decoding	
Output Channel	1 channel mono audio (RCA)
Audio Compression	ADPCM G.726, G.711
Microphone	Omni-directional
Data Interface	
GPIO Interface	RS-485 / RS-232 (DB9 Interface), 1x alarm input, 1x alarm output
Management	Telnet, Console, Web (GUI), SNMP v1/v2c
Network Interface	
Ethernet	IEEE 802.3 10Base-T, 802.3u 100Base-TX
Protocol	TCP(UDP)/IP, ICMP, IGMP, PPPoE, ARP, UPnP, HTTP, HTTPS, TFTP, FTP, SMTP, DHCP, DNS, DDNS, RTP/TCP(UDP)

Order Information

Line card options:

- DVS-8501D 1 Channel H.264 Digital Video Decoder
(When ordering DVS-8501D, you must choose one of the chassis options below)
 - FRM220-NMC Network managed card, support console RS-232 port and 10/100Base-T Ethernet port, w/Web, SNMP/MIB file
- Chassis options:
- FRM220-CH20 2U high, 19 inch, 20-slot managed rack chassis
 - FRM220-CH01/AC Stand-alone type, 1-slot chassis (with VGA I/F) with internal AC 100-240V power supply
 - FRM220-CH01/DC Stand-alone type, 1-slot chassis (with VGA I/F) with internal DC 18-72V power supply