Digital Video Server Family

H.264 Digital Video Encoger

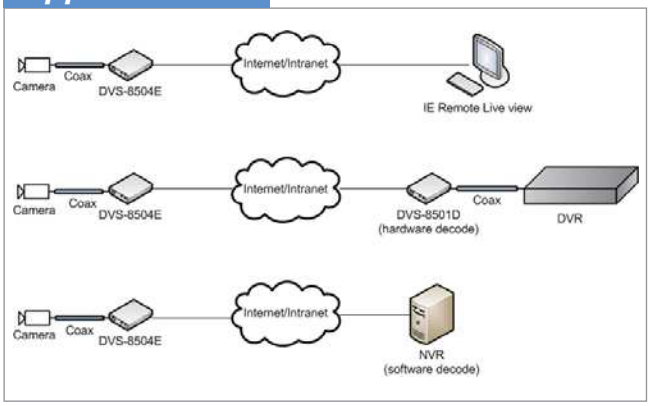
DVS-8504E

The DVS-8504E offers highly-effective H.264 video compression. It can deliver multiple or individual configurable video streams simultaneously at full 30fsp frame rate in all resolutions up to D1 (720x480 in NTSC, 720x576 in PAL). This means that several video streams can be configured with different resolutions, frame rates and bit rate for different needs. The DVS-8504E can also provide dual-stream transmissions for recording and monitoring. The DVS-8504E has provision for a SATA hard-disk for local or backup recording applications. The DVS can also provide video for viewing at two different locations or have the main stream be recorded and have the sub-stream available for live viewing. The web management offers the user access to detailed alarm detection and actions.

Features

- Multiple H.264 streams
- D1 resolution @ 30FPS, CIF resolution@120FPS
- 1-CH D1 / 2-CH 2CIF / 4-CH CIF
- Built-in Web server for management
- Supports HTTPS and password protection
- Supports 3.5” SATA hard-disk tray for local storage
- Provides main and sub video streams with different resolution
- Supports logic (AND / OR) event alarms
- Supports two-way audio
- 4 Digital Input / 2 Digital Output connections
- Supports privacy mask
- Fanless design

Application



Specifications

Event Sending Path	FTP; E-mail (forwarding JPEG picture)
Digital Zoom	4x
Snapshot	Live view mode (JPEG format)
Playback	Playback via IE browser
Event Define	User define video frame rate and video resolution and video quality when alarm input and motion detection
Text Overlay	Configurable text color, background color, date/time, display position
Privacy Mask	Support 1 privacy mask window
System Language	English, Simplified Chinese, Traditional Chinese
Log	System log, operating log

Ordering Information

- ***DVS-8504E*** 4 Channel H.264 Digital Video Encoder

Specifications

Video Compression	H.264
Video Stream	Dual-stream H.264 (Main/*1Sub stream) controllable frame rate and bandwidth VBR/CBR *1Slave stream must choosethe resolution lower than the Master stream
Video Resolutions	D1 720x480(NTSC) / 720x576(PAL) 2CIF 704x240(NTSC) / 704x288(PAL) CIF 352x240(NTSC) / 352x288(PAL) QCIF 176x120(NTSC) / 176x144(PAL)
Operating System	Embedded LINUX
Video Bit Rate	32K/64K/128K/384K/512K/768K/1024K/1.5M/2M
Video Frame Rate	1 ~ 30 per channel
Video Quality	5 levels (Medium, standard, good, detailed, excellent)
Video Inputs	4, BNC, 75 ohm, 1 Vp-p
Video Output	1, BNC, 75 ohm, 1 Vp-p (D1 supported full screen, 2CIF and CIF supported quad mode)
Audio Inputs	4 channels mono audio (RCA)
Audio Output	1 channel mono audio (RCA)
Audio Compression	ADPCM G.726, G.711
Audio Stream	Two-way
Input / Output Signal	6V p-p, +10dBm max
Input / Output Impedance	600 ohms
Terminal Block	1xRS-485 (DB9 interface), 4x alarm input, 2x alarm output
PTZ Protocols	Pelco D, Pelco P
PTZ Baud Rate	2400, 4800, 9600, 12800, 19200 Kbps
PTZ Control Speed	Pan, Tilt, Zoom, Focus, Iris
PTZ Preset	32 Preset positions
PTZ Patrol	4 Tour mode (Each mode has 10 positions)
Remote Management	Web browser, SNMP v1/v2c
Operating Condition	0 to 50 degrees (Celsius)
Storage Condition	-10 to 70 degrees (Celsius)
Operating Humidity	0 to 95% (non-condensing)
Power Input	12VDC, 2A
System Reset	Reset button (factory default)
LED Indications	Power, LAN, video status
Motion Detection	Drag and drop configurable detection windows
Local Storage	3.5" SATA HDD *1 (Hard drive is not include)
Configuration Backup /Recovery	Web browser
Firmware Upgarde	Web browser, TFTP
NTP	Sync with PC, Sync with NTP server, Manual
Video Adjustment	Brightness, contract, ssturation, color tone level
User Account	Up to 10 user accounts for configurable
Event Action	FTP, E-mail, DO1, DO2, SMS, SNMP, local storage, remote storage, PTZ preset