

Real-time Recording H.264® CODEC Standalone DVR



HDD installation available upon request

- **H.264® HIGH COMPRESSION CODEC**
- **REAL-TIME RECORDING**
- **HIGH SPEED NETWORK VIDEO TRANSMISSION**
- **ADVANCED PTZ CONTROL**
- **INDEPENDENT MULTI-SPLIT SPOT OUT VIEW**
- **ROCK SOLID STABILITY**
- **EASY TO USE**

H.264® contains a number of new features that allow it to compress video much effectively than older standards and to provide more flexibility for application to a wide variety of network environments. H.264® is the latest and more advanced video standard developed jointly by ITU and MPEG®. It is also known as MPEG-4® Part 10, or MPEG-4® AVC.

- Embedded LINUX OS
- Mouse driven graphical user interface
- Total maximum recording :
480 fps@CIF (NTSC) / 400 fps@CIF (PAL) EXST-HQ-16D
240 fps@2CIF (Half-D1) (NTSC) / 200 fps@2CIF (Half-D1)(PAL) EXST-HQ-8D
120 fps@4CIF (D1) (NTSC) / 100 fps@4CIF (D1) (PAL) EXST-HQ-4D
- High Resolution & Quality H.264 compression
- Multi protocol RS485 & FSK telemetry
- Full Pentaplex : Live monitoring, recording, playback, backup, Network
- Individual Recording Settings by channel to optimize record duration
- Spot output (single or multi-channel or event)

- DVST HQ-16D** 16 Ch Video / 16 Ch Audio / 480 REAL-TIME (Display & Recording) FPS / USB Mouse Support / H.264® CODEC
- DVST HQ-8D** 8 Ch Video / 8 Ch Audio / 240 REAL-TIME (Display & Recording) FPS / USB Mouse Support / H.264® CODEC
- DVST HQ-4D** 4 Ch Video / 4 Ch Audio / 120 REAL-TIME (Display & Recording) FPS / USB Mouse Support / H.264® CODEC

SMART RECORDING

DVR prioritizes motion detection on a channel in order to put more frame rate than others.

ADVANCED PTZ CONTROL

Control Pan, Tilt, Zoom and Preset on DVR Screen. No separate controller needed

FULL D1 RESOLUTION

Those of you who prefer to have better resolution than frame per second. Full D1 resolution recording option is available over all 16 and 8 channels. 4 ch model records real-time video with D1 resolution. Independent 4/8/16ch split-view spot out

SELF-SENDING ALERT VIA E-MAIL

DVST HQ-16D/8D/4D have a built-in SMTP (simple mail transfer protocol) server. It is NOT an option to be alerted on important occasions.

REAL-TIME RECORDING

DVST HQ-16D/8D/4D provide full 30 fps video recording on each channel. You will be amazed by how playback quality is so clear and smooth!

ULTRA FAST REMOTE VIEW

DVST HQ-16D/8D/4D has a specially designed OVERDRIVE UNIT which utilizes H.264 CODEC to makes even faster video transmission than other H.264 DVR's over the regular DSL line. Compare the quality and speed with other DVR.

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FRONT



BACK



DVST HQ-8D



DVST HQ-16D



		DVST HQ-16D	DVST HQ-8D	DVST HQ-4D
Video	In	16 Ch	8 Ch	4 Ch
	Out	1 BNC / 1 S-Video / 1 VGA / 1 Spot		
	Loop Out	16 Ch	8 Ch	4 Ch
Audio	In	16 Ch (RCA)	8 Ch (RCA)	4 Ch (RCA)
	Out	1 Ch (RCA)		
Alarm	In	16 ea	8 ea	4 ea
	Out	1 NO/NC		
Operating System		Embedded Linux OS		
Display	Speed	480 fps	240 fps	120 fps
	Resolution (Pixel)	720×480 (NTSC) / 720×576 (PAL)		
	Split Screen	1 / 4 / 8 / 16	1 / 4 / 8	1 / 4
Recording	Compression	H.264		
	Resolution (Pixel)	720×480 / 720×240 / 360×240 (NTSC) 720×576 / 720×288 / 360×288 (PAL)		
	Picture Quality	3 Steps (High, Middle, Low)		
	Mode	Normal / Motion / Alarm / Schedule / Audio / Duration		
	Priority	Alarm > Motion > Schedule > Duration > Normal		
	Speed	Total (fps)	480 (360×240) 240 (720×240) 120 (720×480)	240 (360×240) 240 (720×240) 120 (720×480)
Each Channel		30 (360×240) 15 (720×240) 7 (720×480)	30 (360×240) 30 (720×240) 15 (720×480)	30 (360×240) 720×240 720×480
Water Marking & Scrambling		Own Algorithm		
Playback	Display	1 / 4	1 / 4 / 8	1 / 4 / 8 / 16
	Search Mode	Date & Time / Calendar / Event (Alarm, Motion, Audio)		
	Speed	Normal / REW (x1/2/4/16) & FF (x1/2/4/16), Frame to Frame, Pause		
	Device	Internal HDD		
	Still Image Capture	JPEG / BMP Compression or Exclusive Format & USB / F Device (Memory Stick)		
Network	Network Interface	Ethernet		
	Protocol	TCP/IP, SMTP, HTTP, DHCP, PPPoE (ADSL)		
	Serial Communication	RS-232 1ea, RS-485 2 ea (PTZ & Keyboard control)		
	Application	Windows 2000 / XP (PC Client System) / Windows Vista		
	Web Browser	Internet Explorer 5.0 Higher (DVRs Control or Viewing)		
	Event Transport	E-mail notification when Event Occurs		
Archive	Viewing	Remote Client, CMS		
	Interface	USB 2.0 x 2ea		
Control	Archive Device	Internal CD & DVD-RW / External HDD, Storage, Network, Memory Stick		
	Motion Detection	Each Control / Channel Sensitivity : 3 Steps for each channel Area : Programmable motion detection area for each camera individually		
	Alarm Hold Time	5~240 Sec		
	Event Log	Up to the 256 events (Alarm, Motion, Video & PWR Loss, PWR & REC On/Off)		
	Controller	IR Remote Control / Mouse		
	Pan / Tilt Camera	Control from RS485 Interface		
Others	HDD	Support Max. 3 HDDs up to 3TB		
	Power Source	100~240V AC, 50~60Hz (90W)		
	Operating Temperature	5~40°C (41~104°F)		
	Relative Humidity	Maximum 80% Non-Considering		
	Weight	Net - 9.0 Kg / Gross - 10.0 Kg		
Dimension	Net - 440(W)×420(D)×90(H)mm Gross - 550(W)×540(D)×220(H)mm			