

**AVE-HDR4
AVE-HDR8
AVE-HDR16**

HD-SDI 4/18/16 Ch Full Lineup.



AMERICAN VIDEO EQUIPMENT



HD-SDI DVR. Receiving unaltered Full HD(1920x1080p) video data over coax from camera and records at 7FPS per channel. It is the standard version of V7100 with more storage capacity and features.

Features

- H.264 Compression (Main Profile)
- 4/8/16/ HD-SDI Video Input (1080p, 1080i or 720p)
- HD Realtime on live view
- Max. 7 fps per Channel Recording
- HDMI & VGA Output Full HD (Max. 1920 x 1080)
- Picture Quality : Utmost graphic, respectively comparing its picture size
- Mobile View on 3G Device : iPad / iPhone / Android / Blackberry
- Dual Stream : Optimize network transfer speed
- POS text insertion (Patent Pending) : Displaying & Recording Transaction Data from POS
- User Friendly GUI : Flexible, Easy and Convenient
- Advanced CMS Software : Convenient and Versatile Software
- S.M.A.R.T : Self Monitoring Analysis and Reporting Technology

CMS Features

- Up to X 64 Channel Display
- Remote Multi Site Control
- Remote PTZ Control
- Remote Setup (Configuration)
- Remote Event Search Engine
- Remote Date/Time Search Engine
- 2-Way Audio (Bi-Directional)
- Local Recording (NVR Function) & Playback
- Local Playback
- Archiving (EXE/JPEG File Format)
- Remote Alarm Out Control - Local Audio Out Volume Control - Local Account
- Remote Camera Color Adjustment
- WCS (Watermark Check System)
- EXE to AVI Converter
- E-MAP
- Keyboard Controller
- Remote S/W Upgrade
- Estimator (Calculate the estimated time of recording)

Web Client Features

- Multi Channel Display
- PTZ Control
- Live Monitoring
- Freeze Function
- Channel and Camera Number Display



OS Compatibility



Mobile Compatibility



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AVE-HDR4 AVE-HDR8 AVE-HDR16

HD-SDI 4/8/16 Ch Full Lineup.



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Model	AVE-HDR4	AVE-HDR8	AVE-HDR16
Compression	H.264 (Main Profile)		
Signal	HD-SDI (1080p, 1080i or 720p, Auto Detection)		
Recording Rate	Max. 15 FPS @ 720p per channel Max. 7 FPS @ 1080p per channel		Max. 7 FPS @ 720p per channel
Video Input	4 / 8 / 16 HD-SDI Inputs (1080p, 1080i or 720p)		
Video Output	1 VGA / 1 HDMI (Max. 1920 x 1080p, Various Resolution)		
Dual Stream	Selectable		
Audio Compression	ADPCM (16 Bit)		
Audio Input	4 / 8 / 8 Inputs (RCA)		
Ethernet	10 / 100 / 1000 Mbps Ethernet (RJ-45)		
PTZ Control	RS-485/422 Terminal Block		
Text Insertion (POS)	4		
Alarm Input / Output	4 / 8 / 16 (TTL) Programmable as NC/NO		
USB Port	4 Ports (2 x Front Panel, 2 x Rear Panel)		
Control Device	Keypad, Mouse, Keyboard Controller, Remote Controller		
Recording Quality	Super / High / Standard		
Recording Mode	Continuous / Alarm / Motion / Emergency		
Pre Alarm Recording	Up to 3 Hours / User Programmable		
Motion Detection	Yes (22 x 15)		
Playback Speed	x1, x2, x4, x8, x16, x32, x64, Extreme		
Archive File Format	EXE, AVI (Video Clip) / JPEG (Still Image)		
User Interface GUI	Yes		
GMT Time Zone	Yes		
3G Communication	iPad / iPhone / Android / Blackberry		
Operating System	Embedded Linux		
OS Firmware	Linux OS in Flash Memory		
Emergency Recording Key	Yes		
Primary Storage	SATA HDD (up to 3 + 1)	SATA HDD (up to 4 + 1)	
Clip Copy Storage	Built-in Internal DVD-RW, Memory Stick		
Dimensions (WxHxD)	AVE-HDR4 : 430mm x 88mm x 380mm / 16.93inch x 3.46inch x 14.96inch AVE-HDR8 : 430mm x 88mm x 430mm / 16.93inch x 3.46inch x 16.93inch AVE-HDR16 : 430mm x 88mm x 430mm / 16.93inch x 3.46inch x 16.93inch		
Power Adapter & Consumption	AVE-HDR4 : Free Voltage 12VDC, 6.67A / Max. 50W AVE-HDR8 : 100 to 240 VAC, 1/2 A, 50~60 Hz, Internal 250W / Max. 80W AVE-HDR16 : 100 to 240 VAC, 1/2 A, 50~60 Hz, Internal 250W / Max. 95W		

Available with the following storage:

AVE-HDR4-3TB	AVE-HDR8-3TB	AVE-HDR16-3TB
AVE-HDR4-6TB	AVE-HDR8-6TB	AVE-HDR16-6TB
AVE-HDR4-9TB	AVE-HDR8-9TB	AVE-HDR16-9TB
AVE-HDR4-12TB	AVE-HDR8-12TB	AVE-HDR16-12TB



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