



AVC798HA



16CH Full 960H DVR

FEATURES

Push Video & Push Status - Active Event Notification with EagleEyes App

- ❖ Push Video to send instant notifications for an alarm event when an alarm device is connected to the DVR.
- ❖ Push Status to send instant notifications for system events, such as video loss or HDD data removal.



All-Channels 960H Video Recording

- ❖ Supports 960H video recording for all channels for evidentiary recording with high quality and clear images.



HDMI Video Output at 1080P Resolution

- ❖ Full HD video display through HDMI interface.

Mobile Surveillance with EagleEyes App

- ❖ Compatible with iOS & Android mobile devices.

Remote Surveillance with Browsers and CMS

- ❖ For web browsers, compatible with Internet Explorer, Mozilla Firefox, Google Chrome, Safari & Opera.
- ❖ For CMS software, available with our self-developed and free software, "Video Viewer".
- ❖ Applicable also to Apple's media player, QuickTime.

External Disk Array Support for More Video Storage

- ❖ eSATA interface built-in to connect a disk array (up to 4-bay disk array with RAID 0 and 1) for more video storage.

Independent Channel Control

- ❖ Definable "Resolution" / "Quality" / "IPS" by channels at your preferences to increase the recording efficiency, and avoid any important scenes to be missed.

Remote Independent Operation

- ❖ Channel switching is independent from the local site, allowing users to have private image monitoring remotely.

Multiplex

- ❖ Allows live display, record, playback, backup and network operation at the same time.

Backup Function

- ❖ Supports DVD backup (optional), USB flash drive and network backup.



➤ SPECIFICATIONS

▼ Video		
Video System	NTSC / PAL (auto detection)	
Video Compression Format	H.264	
Video Input	16 channels (Composite video signal 1 Vp-p 75Ω BNC)	
Video Loop Output	16 channels (Composite video signal 1 Vp-p 75Ω BNC)	
Video Output	BNC	YES (Call monitor for sequence display)
	VGA	YES
	HDMI	YES
Dual Video Output	YES	
▼ Record & Backup		
Maximum Recording Rate	960H Frame Field CIF	960 x 480 pixels with 480 IPS <NTSC> / 960 x 576 pixels with 400 IPS <PAL> 704x480 pixels with 480 IPS <NTSC> / 704x576 pixels with 400 IPS <PAL> 704x240 pixels with 480 IPS <NTSC> / 704x288 pixels with 400 IPS <PAL> 352x240 pixels with 480 IPS <NTSC> / 352x288 pixels with 400 IPS <PAL>
Recording Mode	Manual / Timer / Motion / Alarm / Remote	
Pre-alarm Recording	YES	
Quick Search	Time / Motion / Alarm search mode	
Backup Device	DVD Writer (Optional) / USB 2.0 flash drive / Network	
▼ Audio		
Audio Input	4 audio inputs	
Audio Output	2 audio outputs (Mono)	
▼ General		
Hard Disk Storage**	Up to 2 SATA HDDs	
SATA Interface	YES	
eSATA Interface	YES (For external disk array connection)	
Image Quality Setting	SUPER BEST / BEST / HIGH / NORMAL	
USB Mouse Control	YES	
Motion Detection Area	16 × 12 grids per channel	
Motion Detection Sensitivity	3 adjustable parameters for accurate detection	
Event Notification	Push Video / FTP / E-Mail	
Picture Zoom	2X digital zoom	
PTZ Control	YES	
Alarm I/O	16 inputs (4 inputs for Push Video), 1 output	
IR Remote Control	YES (IR receiver built-in)	
Key Lock (Password Protection)	YES	
User Level	4 user levels for different access privilege	
Video Loss Detection	YES	
Camera Title	Supports up to 12 letters	
Video Adjustable	Hue / Saturation / Contrast / Brightness	
Date Display Format	YY/MM/DD, DD/MM/YY & MM/DD/YY	
Daylight Saving	YES	
Power Source (±10%)	DC 19V / 3.42A	
Power Consumption (±10%)	18W (without hard disk and camera)	
Operating Temperature	10°C ~ 40°C (50°F ~ 104°F)	
Dimensions (mm)**	432(W) × 90(H) × 326(D)	
▼ Network		
Ethernet	1000 Base-T. Supports remote control and live view via Ethernet	
Network Protocol	TCP/IP, PPPOE, DHCP and DDNS	



➤ SPECIFICATIONS

▼ Remote Surveillance from PC

Compatible Operating System	Windows & MAC	
Compatible Program	Web Browser:	Internet Explorer, Mozilla Firefox, Google Chrome, Safari & Opera
	Video Viewer:	For both Windows and MAC operating systems
	QuickTime	For both Windows and MAC operating systems
Max. online users	10	
Web Transmitting Compression Format	H.264	
Network Live Audio	YES	
Remote Independent Operation	YES	
Remote Event Download & Playback	YES	
R.E.T.R. (Remote Event Trigger Recording)	YES	

▼ Mobile Surveillance

App	EagleEyes	
Compatible Devices	iPad, iPhone, BlackBerry, Windows Mobile, Symbian & Android mobile devices	
Push Video & Push Status	YES (With EagleEyes for iPhone, iPad, Android versions)	

▼ Others

AVTECH Free DDNS service	YES	
Multiplex Operation	Live display / record / playback / backup / network operations	
System Recovery	System auto recovery after power failure	
Optional Peripherals	Keyboard Controller	

* The specifications are subject to change without notice.

** 1 HDD capacity up to 3TB

*** Dimensional tolerance: ±5mm

➤ REAL PANEL

