

# AVT216



## 16CH HD CCTV DVR

### FEATURES

#### Free P2P Cloud Eazy Networking\*

- ❖ Cloud Eazy Networking available to connect this device to Internet automatically in three steps with our free mobile app, EagleEyes.
- ❖ The “Buddy” feature to share the device access permission to other people.
- ❖ Device login / out notifications reported.



#### Intelligent Video Analysis

- ❖ The Smart TVI DVR supports IVS (Intelligent Video System) to set a virtual detection line for people counting, virtual fence, and one-way pass. It's the advanced usage for motion detection to not only record but also summarize the detection data for further analysis.



#### HD Video Recording

- ❖ HD real-time recording brings users clear images while video recording and playback
- ❖ 1920\*1080 Full HD video output service, giving the best image quality on LCD / LED monitors

#### Video Backup

- ❖ Regular backup could be configured to automatically copy video footages to the specified location (USB drive or FTP) at the specified time.

#### External Disk Array Support for More Video Storage

- ❖ eSATA interface built-in to connect a disk array (RAID 0 / 1 / 5 / 6 / 0 + 1 / 1 + 0 ) for more video storage.

#### Remote Surveillance

- ❖ Fully compatible with iOS and Android devices, and Internet Explorer on Windows operating system
- ❖ CMS Lite for 32 devices central management
- ❖ Applicable also to Apple's media player, QuickTime.

#### 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.



\* Eazy Networking is a free P2P cloud service to connect AVTECH devices to the Internet automatically by plug-and-play, enabling you to check the live view via your mobile device or laptop at anytime (in 64 kbps).

## ▶ 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 Output	BNC YES
	VGA YES
	HDMI YES
▼ Record & Backup	
Maximum Recording Rate	1080P 1920 x 1080 pixels with 240 IPS
	720P 1280 x 720 pixels with 480 IPS
	QHD 960 x 540 pixels with 480 IPS
	Frame 704x480 pixels with 480 IPS <NTSC> / 704x576 pixels with 400 IPS <PAL>
	Field 704x240 pixels with 480 IPS <NTSC> / 704x288 pixels with 400 IPS <PAL>
	CIF 352x240 pixels with 480 IPS <NTSC> / 352x288 pixels with 400 IPS <PAL>
Recording Mode	Manual / Timer / Motion / Alarm / Remote
Pre-alarm Recording	YES
Playback Channel	16CH
Quick Search	Time / Motion / Alarm search mode
Backup Device	USB 2.0 drive / Network
Regular Backup	YES
▼ Audio	
Audio Input	4 audio inputs
Audio Output	2 Audio outputs (Mono)
▼ General	
Hard Disk Storage**	Up to 3 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 / Push Status / FTP / E-Mail
Picture Zoom	2X digital zoom
PTZ Control	YES
Alarm I/O	8 inputs, 1 output
RS485	YES
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 25 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%)	DC19V / 3.42A
Operating Temperature	10°C ~ 40°C (50°F ~ 104°F)
Operating Humidity	10% ~ 85%
Dimensions (mm)**	430(W) × 65(H) × 338(D)
Net Weight	4 Kg

## ➤ SPECIFICATIONS

▼ Network	
Ethernet Network Protocol	Gigabit Base-T. Supports remote control and live view via Ethernet TCP/IP, PPPOE, DHCP and DDNS
▼ Remote Surveillance from PC	
Compatible Operating System	Windows & MAC
Compatible Program	Web Browser: Internet Explorer, Google Chrome & Safari
	CMS Lite: 32CH central management software for Windows OS
	QuickTime: For both Windows and MAC operating systems
Max. online users	20
Web Transmitting Compression Format	H.264
Network Live Audio	YES
Remote Independent Operation	YES
Remote Event Download & Playback	YES
▼ Mobile Surveillance	
App	EagleEyes
Compatible Devices	iOS & Android devices
Push Video	YES
Push Status	YES
▼ Others	
EaZy Networking	YES
IVA	YES
DCCS Support	YES
AVTECH Free DDNS service	YES
Multiplex Operation	Live display / record / playback / backup / network operations
System Recovery	System auto recovery after power failure
Optional Peripherals	HDMI Matrix (HDM02)

\* The specifications are subject to change without notice.

\*\* 1 HDD capacity up to 6TB

\*\*\* Dimensional tolerance: ±5mm

## ➤ REAR PANEL

