

AVT216



16CH HD CCTV DVR

→ FEATURES

Cloud Service - EaZy Networking*

- ❖ EaZy Networking, the cloud service provided by AVTECH, 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.

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.



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

Intelligent Video Analysis

- ❖ Virtual Fence: virtual intruder detection line is set to detect intruders crossing the detection line.
- ❖ Flow Counting: virtual detection line is set to detect the moving direction of pedestrians for flow counting.
- ❖ Single Channel Motion Recording: Only the channel with an event will be recorded to effectively save a significant amount of hard disk space and have the maximized recording time.

Remote Surveillance

- ❖ Fully compatible with iOS and Android devices, and Internet Explorer on Windows operating system
- ❖ Video Viewer for 16 devices central management
- ❖ 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 for more video storage.

Independent Channel Control

- ❖ Definable “Resolution” / “Quality” / “FPS” 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.

Backup Function

- ❖ Supports USB flash drive and network backup.

* EaZy Networking is a service to connect your device to Internet automatically by plug and play, but it’s not free. AVTECH will initially provide 2GB data allowance (approx. 2185 minutes) for free. When 2GB is up, the network transmission is down to 1 FPS. To restore the fluency of live view, users need to subscribe a data plan from AVTECH, or configure the network settings by themselves.

➤ 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 flash drive / Network
▼ 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 (8 inputs for Push Video), 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 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%)	DC19V / 3.42A
Operating Temperature	10°C ~ 40°C (50°F ~ 104°F)
Dimensions (mm)***	432(W) × 90(H) × 326(D)
▼ Network	
Ethernet	Gigabit 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
	Video Viewer:	16CH central management software for 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	

▼ 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 4TB

*** Dimensional tolerance: ±5mm

➤ REAR PANEL

