

AVT216SE



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 16CH 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.

➔ 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	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 4TB

*** Dimensional tolerance: ±5mm

REAR PANEL

