

AVT204B



4CH 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 24 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	4 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 60 IPS
	720P	1280 x 720 pixels with 120 IPS
	QHD	960 x 540 pixels with 120 IPS
	Frame	704x480 pixels with 120 IPS <NTSC> / 704x576 pixels with 100 IPS <PAL>
	Field	704x240 pixels with 120 IPS <NTSC> / 704x288 pixels with 100 IPS <PAL>
	CIF	352x240 pixels with 120 IPS <NTSC> / 352x288 pixels with 100 IPS <PAL>
Recording Mode	Manual / Timer / Motion / Alarm / Remote	
Pre-alarm Recording	YES	
Playback Channel	4CH	
Quick Search	Time / Motion / Alarm search mode	
Backup Device	USB 2.0 drive / Network	
Regular Backup	YES	
▼ Audio		
Audio Input	1 audio input	
Audio Output	1 audio output (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 / Push Status / FTP / E-Mail	
Picture Zoom	2X digital zoom	
PTZ Control	YES	
Alarm I/O	4 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 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%)	DC12V / 3A	
Operating Temperature	10°C ~ 40°C (50°F ~ 104°F)	
Operating Humidity	10% ~ 85%	
Dimensions (mm)***	345(W)×58.8(H)×223(D)	
Net Weight	3.2 Kg	

➤ SPECIFICATIONS

▼ Network	
Ethernet Network Protocol	10/100 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: 24CH 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

