



AVS224



4CH HD-SDI 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.



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 / One Way Pass / Flow Counting: A virtual intruder detection line is set to detect intruders crossing the detection line.

Remote Surveillance

- ❖ Fully compatible with iOS and Android devices, and Internet Explorer on Windows operating system
- ❖ CMS "TRIDENT" for 64 ~ 96CH 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" / "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 USB flash drive and network backup.



➤ 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 (For main monitor output)
	VGA	YES
	HDMI	YES
▼ Record & Backup		
Maximum Recording Rate	1080P	1920 x 1080 pixels with 60 IPS
	720P	1080 x 720 pixels with 120 IPS
	Frame	704x480 pixels with 120 IPS <NTSC> / 704x576 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 flash drive / Network	
▼ 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 (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	
▼ General		
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)	
Dimensions (mm)***	375(W) × 61(H) × 281(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
	CMS "TRIDENT":	64CH ~ 96CH central management for Windows operating system
	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	iOS & Android devices
Push Video	YES
Push Status	YES

▼ Others

IVA Support	YES (4 channels)
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 4TB

*** Dimensional tolerance: ±5mm

➤ REAR PANEL

