

# AVC704H

## 4CH All-in-One DVR

Push Video + EagleEyes + Full D1 +  
1080P HDMI + IVA +  
960H Video Recording



## FEATURES

### Push Video - Active Event Notification with EagleEyes App

- ❖ Supports sending Push Video to your iPad, iPhone and Android mobile device for instant event notification for an alarm event when a human detection camera or an alarm sensor is connected to the DVR.

### Mobile Surveillance with EagleEyes App

- ❖ Compatible with iOS & Android mobile devices.

### Remote Surveillance with Browsers and CMS

- ❖ For web browsers, compatible with Internet Explorer, Mozilla Firefox, Google Chrome, Safari & Opera.
- ❖ For CMS software, available with our self-developed and free software, "Video Viewer".
- ❖ Applicable also to Apple's media player, QuickTime.

### Video Output

- ❖ Full HD video display
- ❖ Dual video output for both VGA & HDMI

### 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.

### 960H Video Recording

- ❖ Supports 960H image display for evidentiary recording with high quality and clear images.

### 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

<b>▼ Video</b>		
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 (Call monitor for sequence display)
	VGA	YES
	HDMI	YES (Full HD display)
Dual Video Output	YES	
<b>▼ Record &amp; Backup</b>		
Maximum Recording Rate	960H	960 x 480 pixels with 90 IPS <NTSC> / 960 x 576 pixels with 75 IPS <PAL>
	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	
Quick Search	Time / Motion / Alarm search mode	
Backup Device	USB 2.0 flash drive / Network	
<b>▼ Audio</b>		
Audio Input	4 audio inputs	
Audio Output	1 audio output (Mono)	
<b>▼ General</b>		
Hard Disk Storage	Accommodates up to 1 SATA HDD (1 HDD capacity up to 3TB)	
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 / FTP / E-Mail	
Picture Zoom	2X digital zoom	
PTZ Control	YES	
Alarm I/O	4 inputs (1 input 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	
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 / 2.1A	
Power Consumption (±10%)	< 42 W	
Operating Temperature	10°C ~ 40°C (50°F ~ 104°F)	
Dimensions (mm)**	375(W) × 61(H) × 281(D)	
<b>▼ Network</b>		
Ethernet	10/100 Base-T. Supports remote control and live view via Ethernet	
Network Protocol	TCP/IP, PPPOE, DHCP and DDNS	

## SPECIFICATIONS

<b>▼ Remote Surveillance from PC</b>	
Compatible Operating System	Windows & MAC
Compatible Program	Web Browser: Internet Explorer, Mozilla Firefox, Google Chrome, Safari & Opera
	Video Viewer: For both 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
R.E.T.R. (Remote Event Trigger Recording)	YES
<b>▼ Mobile Surveillance</b>	
App	EagleEyes
Compatible Devices	iOS & Android devices
Push Video	YES (With EagleEyes for iPhone, iPad, Android versions)
<b>▼ Others</b>	
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.

\*\* Dimensional tolerance: ±5mm

## REAR PANEL

