



# AVC704HEZ



## 4CH Full 960H 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.



#### All-Channels 960H Video Recording

- ❖ Supports 960H video recording for all channels for evidentiary recording with high quality and clear images.



#### 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.

#### HDMI Video Output at 1080P Resolution

Full HD video display through HDMI interface.

#### 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
- ❖ For CMS software, available with our self-developed and free software, “Video Viewer.
- ❖ 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 (up to 4-bay disk array with RAID 0 and 1) 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.

#### 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		4 channels (Composite video signal 1 Vp-p 75Ω BNC)
Video Output	VGA	YES
	HDMI	YES
	BNC	YES (Call monitor for sequence display)
Dual Video Output		YES
▼ Record & Backup		
Maximum Recording Rate	960H	960x480 pixels with 120 IPS <NTSC> / 960x576 pixels with 100 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
▼ Audio		
Audio Input		4 audio inputs
Audio Output		1 audio output (Mono)
▼ General		
Hard Disk Storage		Accommodates up to 1 SATA HDD (1 HDD capacity up to 4TB)
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%)		5W (without hard disk & camera)
Operating Temperature		10°C ~ 40°C (50°F ~ 104°F)
Dimensions (mm)**		375(W) × 61(H) × 281(D)
▼ Network		
Ethernet		10/100 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:	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	

### ▼ Mobile Surveillance

App	EagleEyes
Compatible Devices	iOS & Android devices
Push Video & Push Status	YES (With EagleEyes for iOS & Android devices)

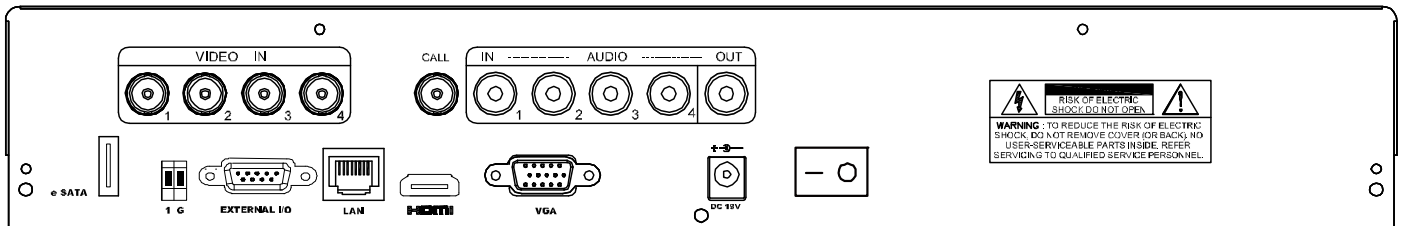
### ▼ Others

EaZy Networking	YES
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	Full HD Matrix (HDM02)

\*The specifications are subject to change without notice.

\*\* Dimensional tolerance: ±5mm

## ➤ REAR PANEL



**WARNING** : TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.