



# AVH0401

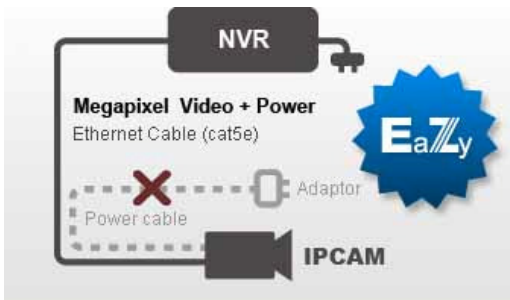
One Cable solution (PON)  
HD Video Recording

## 4CH HD Video Recorder

### Features

#### One Ethernet Cable Solution (PON, Power-over-Network)

Camera power supply & video transmission over one Ethernet cable to eliminate the needs of power adapters for your cameras during the whole HD surveillance system setup



#### HD Video Recording

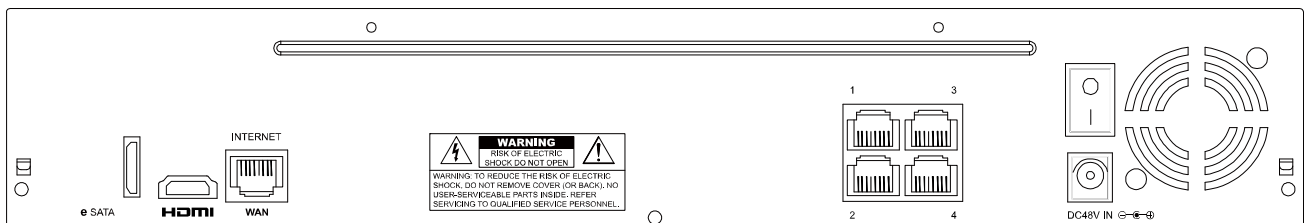
- HD real-time recording brings users clear images while video recording and playback
- 1920\*1080 Full HD video output service, giving the best image quality on LCD / LED monitors



#### Full HD HDMI Video Output

1920\*1080 Full HD video output service, giving the best image quality on LCD / LED monitors

### Rear Panel



#### Free DDNS Service

Free DDNS service to configure your device to Internet easily



#### Smart Recording

High video resolution switch for events to optimize the recording efficiency of the hard disk

#### 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



#### Multi-platform Remote Access

- Fully compatible with iPhone & iPad, and Internet Explorer on Windows operating system
- AVTECH free CMS program on both Windows and MAC OS

## Specifications

Hardware		
Video Input	4 LAN ports	
Video Output	HDMI output	
Video Output Resolution	1920 x 1080	
HDD Storage**	One 4TB hard disk	
eSATA	YES (support up to 4-bay disk array with RAID 0 and 1)	
USB Ports	Two on the front panel: one for video backup to USB flash drive, and another for NVR control via a USB mouse	
IR Remote Control	YES	
Ethernet	PON 1~4port	10/100Mbps with PON
	Internet (WAN) port	1000Mbps
Software		
Video Compression Format	H.264	
Local / Remote Display Mode	4CH	
Local / Remote Playback Mode	4CH	
Single Channel Playback	YES	
Recording Mode	Manual / Event / Alarm / Schedule	
Recording Throughput	Up to 120 IPS @ 1280 x 1024, 32 Mbps	
Pre-alarm Recording	YES	
Quick Search	Time / Event	
Security	Multiple user access levels with password	
Remote Access	(1) Internet Explorer on Windows operating system (2) EagleEyes on iOS & Android mobile devices	
General		
Power Source (±10%)	DC 48V / 1.25A	
Power Consumption (±10%)	7.68W (without a hard disk and POE IP camera connected)	
Camera power supply over PON (Power-over-Network)	YES	
Operating Temperature	10°C ~ 40°C (50°F~104°F)	
Dimensions (mm)***	345 (L) x 225 (W) x 68.3 (H)	
Minimum PC Browsing Requirements	<ul style="list-style-type: none"> <li>• Intel core i3 or higher, or equivalent AMD</li> <li>• 2GB RAM</li> <li>• AGP graphics card, Direct Draw, 32MB RAM</li> <li>• Windows 7, Vista &amp; XP, DirectX 9.0 or later</li> <li>• Internet Explorer 7.x or later</li> </ul>	

\*The specifications are subject to change without notice

\*\* HDDs are optional.

\*\* Dimensional tolerance: ±.5mm