



AVH604

One Cable solution (PON)
HD Video Recording

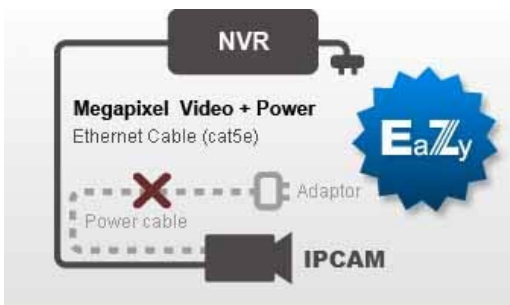


4CH HD Video Recorder

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

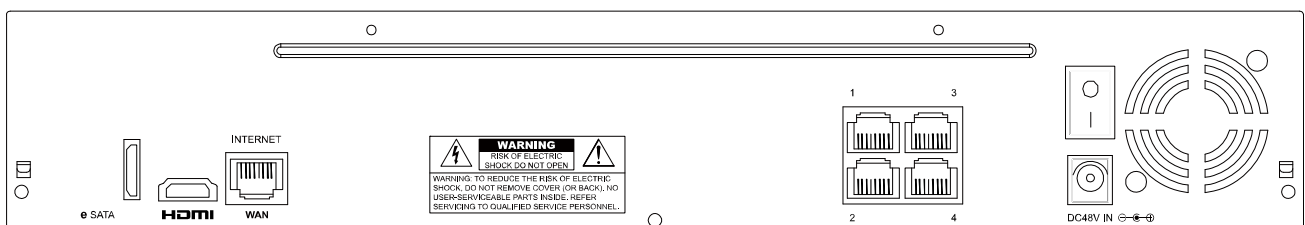
- HD real-time recording brings users clear images while video recording and playback
- 1920*1080 Full HD video output service, giving the best image quality on LCD / LED monitors



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)	
Net Weight	2.65 Kg	
Minimum PC Browsing Requirements	<ul style="list-style-type: none"> • Intel core i3 or higher, or equivalent AMD • 2GB RAM • AGP graphics card, Direct Draw, 32MB RAM • Windows 7, Vista & XP, DirectX 9.0 or later • Internet Explorer 7.x or later 	

*The specifications are subject to change without notice

** HDDs are optional.

*** Dimensional tolerance: ±0.5mm