



# AVH0401



## 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

4CH 1.3MP real-time recording brings users clear images while video recording and playback

#### 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

#### Free DDNS Service

Free DDNS service to configure your device to Internet easily

#### 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

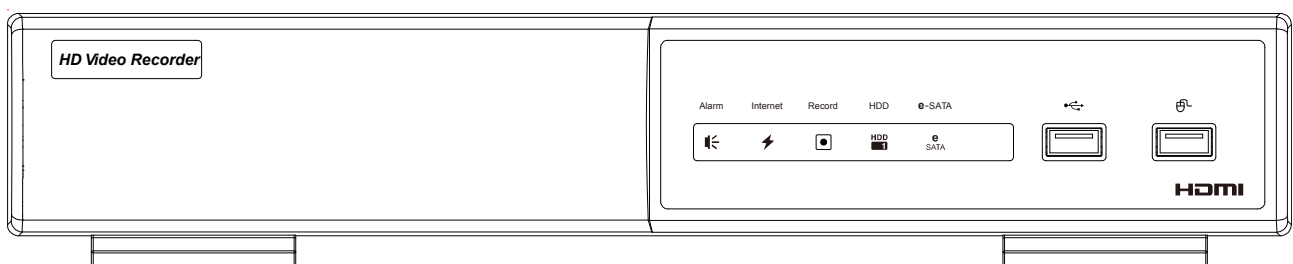
#### Full HD HDMI Video Output

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

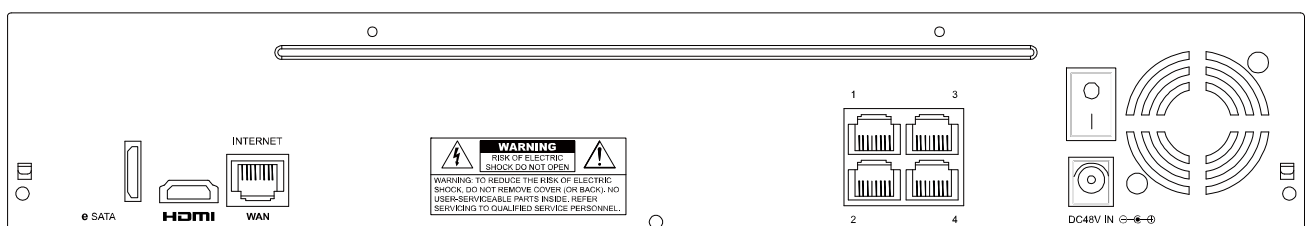
#### Smart Recording

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

### Front Panel



### Rear Panel





## Specifications

MODEL		AVH0401
<b>Hardware</b>		
Video Input		4 LAN ports
Video Output		HDMI output
Video Output Resolution		1920 x 1080
HDD Storage**		One 3TB 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
<b>Software</b>		
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
<b>General</b>		
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