AVTECH

AVH0401

One Cable solution (PON)
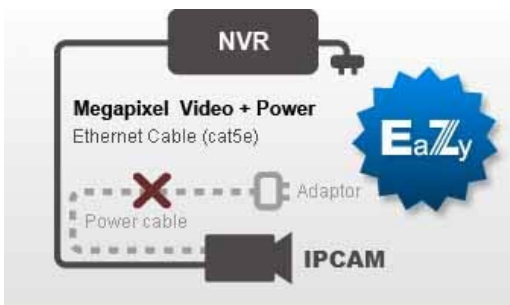HD Video Recording

MARS

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
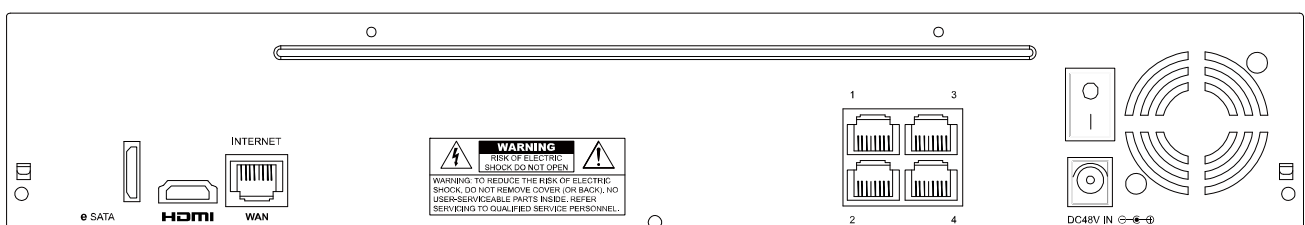
Full HD HDMI Video Output

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

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

Rear Panel

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℃ ~ 40℃ (50℉~104℉)
Dimensions (mm)***	345 (L) x 225 (W) x 68.3 (H)
Net Weight	2.65 Kg
Minimum PC Browsing Requirements	・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: .±5mm