



AVH312



New Generation Stand-Alone NVR

Features

Easy Upgrade to IP Surveillance System

With Plug-and-Play technology, the complicated network configurations are simplified in three steps.

High Resolution Recordings

NVR and Megapixel IP camera solution brings users clear images while video recording and playback

HDMI Video Output

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

External Disk Array Support for More Video Storage

eSATA interface built-in to connect a disk array for more video storage.

Multi-platform Remote Access

Fully compatibility on iPhone & iPad, and Internet Explorer® on Windows® operating system

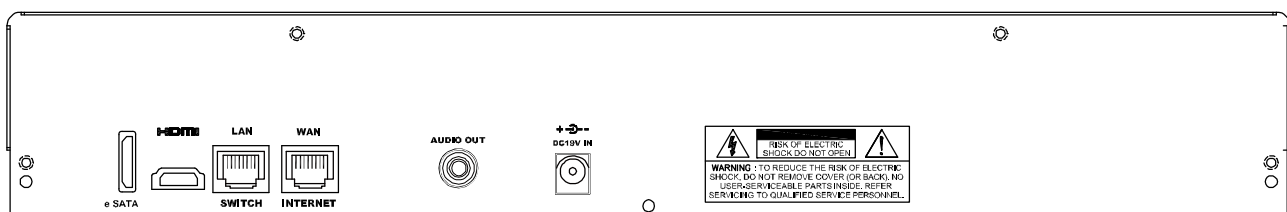
Smart Recording

It automatically adjusts the video resolution to optimize the recording efficiency of the hard disk.

High Compatibility and Offsite Backup

- Compatible with nearly every mainstream IP camera in the market
- Cooperating with CMS (Central management System) for offsite backup

Rear Panel



AVTECH

Specifications

MODEL		AVH312
Hardware		
Video Input	One LAN port (Up to 12 Channels with a 12-port hub)	
Video Output	HDMI	
Video Output Resolution	1920 x 1080	
Audio Output	YES	
HDD Storage**	Up to two 3TB HDDs	
eSATA Port	YES	
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	LAN port	1000Mbps
	Internet port	10Mbps / 100Mbps
Software		
Video Compression Format	H.264	
Local / Remote Display Mode	6 / 12CH	
Local / Remote Playback Mode	6CH	
Recording Mode	Manual / Event / Alarm / Schedule	
Recording Throughput****	12CH Mode	Up to 360 IPS @ 720 x 480, 32 Mbps Up to 120 IPS @ 1280 x 720, 32 Mbps <i>* Recording @ 1280 x 1024 or higher is only allowed for CH1</i>
	6CH Mode	Up to 180 IPS @ 720 x 480, 32 Mbps Up to 180 IPS @ 1280 x 720, 32 Mbps Up to 90 IPS @ 1920 x 1080, 32 Mbps
Pre-alarm Recording	YES	
Quick Search	Time / Motion / Alarm	
Security	Multiple user access levels with password	
Remote Access	(1) Internet Explorer on Windows operating system (2) EagleEyes on iPhone, iPad & Android mobile devices	
Max online users	14 person	
General		
Power Source (±10%)	DC 19V / 2.1A	
Operating Temperature	10 ~ 40 (50 ~104)	
Dimensions (mm)**	375(W) × 68(H) × 264.8(D)	
Minimum PC Browsing Requirements	Pentium 4 CPU 1.3 GHz or higher, or equivalent AMD 256 MB RAM AGP graphics card, Direct Draw, 32MB RAM Windows 7, Vista & XP, DirectX 9.0 or later Internet Explorer 7.x or later	
Peripherals	(1) EoC converter; (2) HDMI Extender; (3) Video Server	

*The specifications are subject to change without notice
*** Dimensional tolerance: ±5mm

** HDDs are optional.
**** Image quality: 5.