



# AVH316

Push Status  
HDMI & VGA Video Output  
16CH Video Recording

## 16CH HD Video Recorder

### Features

#### Push Status - Active Event Notification with EagleEyes App

- Sends instant notifications for system events, such as video loss or HDD data removal



#### Easy Upgrade to IP Surveillance System

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

#### HD Video Recording

- HD real-time recording brings users clear images while video recording and playback
- HD video output available via HDMI and VGA ports, giving the best image quality on LCD / LED monitors

#### Multi-platform Remote Access

- Fully compatible with iOS and Android mobile devices, and Internet Explorer on Windows operating system
- Free PC program, CMS Lite, for 24CH devices monitoring on Windows operating system

#### ONVIF-Compliant

In addition to AVTECH IP cameras, this NVR is also connectable to the third-party IP cameras which adopt ONVIF protocol.

#### Smart Recording

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

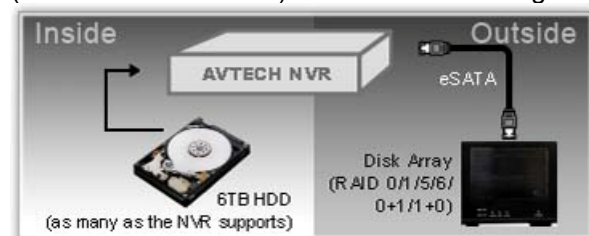
#### Free DDNS Service

Free DDNS service to configure your device to Internet easily

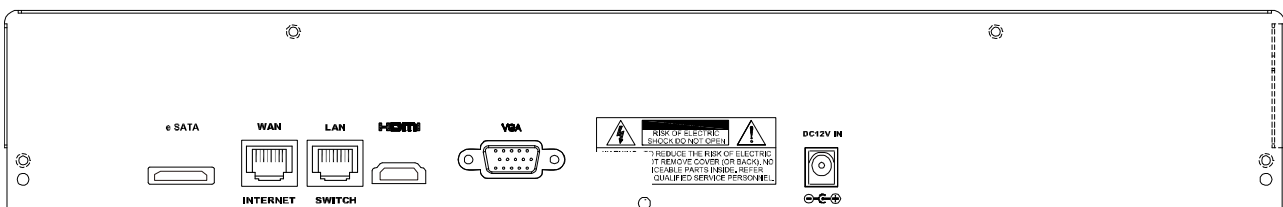


#### External Disk Array Support for More Video Storage

eSATA interface built-in to connect a disk array (RAID 0/1/5/6/0+1/1+0) for more video storage



### Rear Panel



## Specifications\*

Hardware		
Video Input	One LAN port (up to 16 IP cameras)	
Video Output	HDMI & VGA	
Video Output Resolution	1920 x 1080	
Audio Output	YES	
HDD Storage**	Two 6TB hard disks	
eSATA Port	YES	
USB Ports	Two USB 2.0 ports	
IR Remote Control	YES	
Ethernet	LAN port	1000 Mbps
	Internet port	10/100 Mbps
Software		
Video Compression Format	H.264	
Audio Compression Format	G711	
Local / Remote Display Mode	16CH	
Local / Remote Playback Mode	4CH	
Local Single Channel Playback	YES	
Recording Mode	Manual / Event / Alarm / Schedule	
Record Streaming	Dual	
Recording Throughput***	270 IPS @ 1280 x 720, up to 48Mbps 120 IPS @ 1920 x 1080, up to 48Mbps 80 IPS @ 2048 x 1536, up to 48 Mbps	
Pre-alarm Recording	YES	
Quick Search	Time / Event	
Event Notification	Push Status / Video Mail / Message Mail	
Security	Multiple user access levels with password	
Remote Access	(1) Internet Explorer on Windows operating system (2) CMS Lite, 24CH CMS software for Windows operating system (3) EagleEyes on iOS & Android mobile devices	
Max. Online User	20	
Multicast	YES	
General		
Power Source (±10%)	DC12V / 3A	
Power Consumption (±10%)	9.6W (without a hard disk connected)	
Operating Temperature	10°C ~ 40°C (50°F~104°F)	
Dimensions (mm)***	375(L) × 264.8(W) x 68(H)	
Net Weight	2.122 Kg	
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 10, Windows 8, Windows 7, Windows Vista &amp; Windows XP, DirectX 9.0 or later</li> <li>• Internet Explorer 7.x or later (Windows Edge not supported)</li> </ul>	

\*The specifications are subject to change without notice

\*\* HDDs are optional.

\*\*\* 48Mbps is available only when no remote access is going on.

\*\*\*\* Dimensional tolerance: ±5mm