



# AVH564

**RAID System Built-in (RAID5)**

**Power Redundancy**

**Multicast**

**Huge Storage Capability**

**Push Video & Push Status**

**64CH 2MP Real-Time Video Recording**

## 64CH 2MP NVR

### Features

#### RAID System Built-in (RAID5)

45 hard disks supported to form 9 RAID5 arrays for data security

#### Power Redundancy

A secondary power supply offered in case the main power supply is disconnected

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

- **Push Video** to send instant notifications for an alarm event to iOS and Android mobile devices (when used with ETS IP camera series).
- **Push Status** to send instant notifications for system events, such as video loss or HDD data removal.



#### Multi-platform Remote Access

- Fully compatible with iOS and android mobile OS, and Internet Explorer on Windows operating system
- AVTECH free CMS "TRIDENT" on Windows OS

#### Multicast

Multicast supported to enhance the transmission efficiency among all NVRs and the CMS, helping users located in different secondary control rooms to quickly get what they want to see without video lag.



#### Seamless Recording

When the NVR and IP cameras are disconnected, the recording task will switch to the cameras, and the recordings are saved to the microSD cards of the cameras. When they're re-connected, the recordings saved in the microSD cards will transfer to the NVR and save in the hard disks.

#### ONVIF-Compliant

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

#### 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

#### Smart Recording

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



## Specifications\*

Hardware		
Video Input	One LAN port (up to 64 IP cameras)	
Video Output	HDMI	
Video Output Resolution	1920 x 1080	
Audio Output	YES	
HDD Storage**	45 6TB hard disks	
RAID5 array system	YES (Five hard disks as a RAID5 array, and nine RAID5 systems in total)	
USB Ports	Five USB 2.0 ports (Four for video backup, and one for mouse use)	
IR Remote Control	YES	
Ethernet	LAN port x 4	1000Mbps x 4
	Internet port x 4	1000Mbps x 4
Software		
Video Compression Format	H.264	
Audio Compression Format	G711	
Local Display Mode	64CH	
Local Playback Mode	64CH	
Local Single Channel Playback	YES	
Remote Display Mode	16CH x 4	
Remote Playback Mode	16CH x 4	
Recording Mode	Manual / Event / Alarm / Schedule	
Recording Throughput	Up to 960 IPS @ 1920 x 1080, Up to 120Mbps	
Pre-alarm Recording	YES	
Quick Search	Time / Event	
Event Notification	Push Video / Push Status / Video Mail / Message Mail	
Security	Multiple user access levels with password	
Remote Access	(1) Internet Explorer on Windows operating system (2) CMS Trident, 64 ~ 96CH CMS software for Windows operating system (3) EagleEyes on iOS & Android mobile devices	
Max. Online User	18 x 4	
Multicast	YES	
Seamless Recording	YES	
CMS "TRIDENT" Support	YES	
General		
Power Source (±10%)	110V / 500W x 3	
Power Redundancy	YES	
Operating Temperature	10°C ~ 40°C (50°F~104°F)	
Operating Humidity	10% ~ 85%	
Net Weight	26 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>	

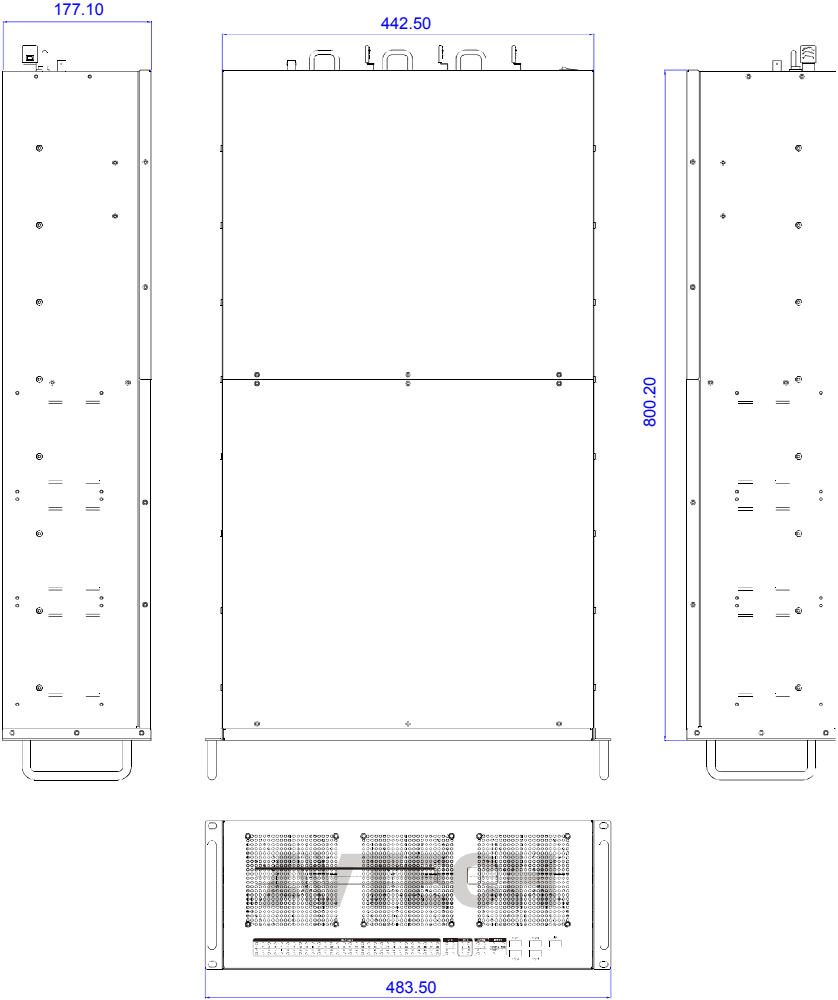
\*The specifications are subject to change without notice

\*\* HDDs are optional.

\*\*\* Dimensional tolerance: ±.5mm



# Dimensions (mm)



\*Dimensional Tolerance: ± 5mm

## Panels

