

# VAL-NVR-16CH-4HDD



## SYSTEM OVERVIEW

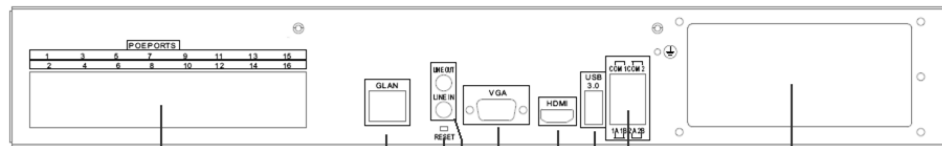
VALVUR NVR is capable of transmitting 8MP image. It helps to save up to 50% HDD and storage space with its H.265 decoding technology compared with H.264.

The NVR is compatible with numerous third-party devices making it the perfect solution for surveillance systems that work independently of video management system (VMS).

It features an open architecture that supports for multi-user access and is compatible with ONVIF 2.4 protocol, enabling interoperability with IP cameras.

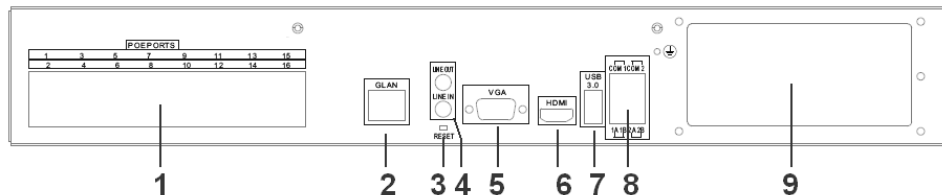
- Up to 16ch 1080P IP cameras access
- Easy to use Same Interface of GUI/WEB/Client
- 4 SATA hard disk up to 4TB
- 1RJ45 10M/100M/1000M network interface
- 16ch POE Ports
- Simultaneous HDMI&VGA up to 1080P output
- 3 USB Host
- 2ch Alarm I/O
- 1ch Audio I/O
- 1.5U

## DIMENSION



- Measurement is in millimeter (mm) : 440x376x67mm

## REAR PANEL



1. Ports
2. RJ45 10M/100M/1000M Network interface
3. Reset
4. Audio I/O
5. VGA output
6. HDMI output
7. USB3.0 Port
8. Alarm I/O
9. AC Power Supply

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# TECHNICAL SPECIFICATION

System	
Main Processor	Dual-core embedded processor
Operating System	Embedded LINUX
Audio and Video	
Video Input	16ch 6MP/5MP/4MP/3MP/1080P/960P/ 720P/D1/VGA/CIF/QCIF
Incoming Bandwidth	160Mbps ,(main stream 128Mbps sub stream 32Mbps)
Outgoing Bandwidth	128Mbps
Audio Input	G711_A/G711_U
Hard disk	
SATA HDD	4SATA interface for 4HDD
Mounting Mode	Embedded
Capacity	Up to 4TB for each disk
Recording	
Recording Resolution	6MP/5MP/4MP/3MP/1080P/960P/ 720P/D1/VGA/CIF/QCIF
Frame Rate	6MP/5MP/4MP/3MP@15fps;1080P @25fps(PAL),30fps(NTSC);
Live View/Playback Resolution	6MP/5MP/4MP/3MP/1080P/960P/ 720P/D1/VGA/CIF/QCIF
Live View/Playback Capacity	Live View 16ch D1/4ch 1080P,1ch 6MP/5MP/4MP/3MP
Audio Output	1ch, Line out
HDMI/VGA Output	1920x1080/60Hz,1280x720/60Hz,10 24x768/60Hz

Interface	
HDMI/VGA	1ch HDMI, 1ch VGA
USB	USB 2.0 x2, USB 3.0 x1
Audio I/O	1ch MIC in,1ch audio line out
Alarm I/O	2ch Alarm output, 2ch Alarm input
Reset Button	Yes
Network	
Network Interface	1 RJ45 10M/100M /1000M network interface
Protocol	RTP/RTCP,TCP/UDP,HTTP,DHCP, DNS,NTP
POE Interface	16ch 100Mbps ,IEEE802.3af
POE Max Power	160W
General	
Power Supply	AC110/220V,47-63Hz ,Max input 300W
Power Consumption	Max 15W (without HDD,USB,POE)
Operating Temperature	-10°C~+45°C
Operating Humidity	0% - 90% RH
Chassis	1.5U
Product Dimensions	440x376x67mm
Product Weight	<4kg

## SERVICES AVAILABLE

[Technical Support](#)  
[Installation and Setup](#)  
[Maintenance](#)  
[Application Support](#)  
[Hardware Support](#)  
[Guaranteed Warranty](#)

