

VAL-NVR-64CH-S

SYSTEM OVERVIEW

VALVUR NVR is capable of transmitting up to 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.



- Embedded Linux operation system, high performance Intel processor
- Support H.265/H.264 encoding video
- Up to 64channel 1080P@4M IP camera input, total audio & video bandwidth 256M
- Supports up to 6 megapixels resolution IP camera
- Support TV, VGA, HDMI sync output; HDMI video output resolution up to 3840x2160 (4Kx2K)
- Support up to 32 channels of simultaneous playback, 16 channels 1080P@30fps decoding
- Support P2P connection and mobile phone remote viewing
- The mouse can realize three-dimensional intelligent positioning function
- Support monitoring and playback digital zoom in / out (ePTZ)
- Support time line scroll playback
- Support FTP record video uploading (NAS)
- Support NTP (network time), SADP (IP automatic search), Email (mail service), UPNP (Universal Plug and Play)
- One-step auto configuration, IP camera plug and play
- ONVIF 2.4, support IP camera batch searching and adding, support ONVIF motion detection alarm and recording, PTZ control
- Support HDD Low Space, HDD Not Exist, HDD Error, IP Address Conflict, Video Channel Disconnect, Network Disconnection, etc abnormality alarm
- Support IP address filter, support NO-IP, DynDNS DDNS; Multicast, QoS, Reverse Link.
- Support video watermark
- 2x USB 2.0, 16 alarm input / 4 alarm output
- Support USB backup video to standard AVI file

TECHNICAL SPECIFICATION

SYSTEM	
Chips	High performance Intel processor
Operation System	Embedded LINUX
Memory	1GB DDR3
Pentaplex function	Live monitoring, recording, playback, backup & remote access
Control Mode	Front panel, USB mouse, Network
VIDEO	
IP Camera Input	64ch.1080P@30fps(4Mbps)
Support Protocol	ONVIF/SDK
Resolution	6MP/5MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Output	1 CVBS, BNC (1.0Vp-p,75 ohms)
	1 SPOT,BNC (1.0Vp-p,75ohms)
	1 HDMI, 1.3a, support 4Kx2K Ultra HD Resolution
	1VGA,1920×1080,1440×900,1280×1024,1024×768,800×600 Resolution
AUDIO	
Input	1 ch. BNC
Output	1 ch. BNC (3.3Vp-p,4.7k ohms)
Bidirectional Talk	1ch. Standalone
DISPLAY	
Resolution	HDMI: up to 4Kx2K, VGA: 1080P
Frame	1~30fps
Tour Display	Support
Working Status Display	LED light
RECORDING	
Privacy Masking	Four zones for privacy masking for each channel
Video Compression	H.265/H.264/MPEG4 AVC, up to Main Profile 5.0
Audio Compression	G.711A
Image Encoding	Adjustable encoding quality, variable code stream/fixed code stream
Dual Stream	Support
Resolution(NVR)	D1,720P,1080P, 3MP, 5MP, 4K etc. upt to 24MP: 4096x3072

VIDEO DETECTION & ALARM	
Recording Mode	Manual, auto, motion detection, stop
Time bar	Support
Trigger Events	Recording, PTZ, Tour, Email
Motion Detection	396 (22×18) detection zone, variable sensitivity levels
Capture	JPEG capture
Alarm Input	16ch.
Alarm Output	4ch.NO, NC
PLAYBACK & BACKUP NETWORK	
Max Playback	Max 32ch. 16ch 1080P@30fps decoding
Backup Mode	USB, HDD, Network Backup
Ethernet	2 RJ-45 port (10M/100/1000M)
Network protocol	TCP/IP, UDP, HTTP, RTP/RTSP
Network Functions	DHCP, PPPOE, DDNS, SMTP, SNTP, FTP, UPnP
Remote Operation	Monitoring, PTZ control, playback, system setting, file download, log information
HARD DISK	
Hard Disk	8 SATA,1 ESATA ports
HDD Management	Hard disk hibernation technology, HDD faulty alarm & raid
AUXILIARY INTERFACE	
USB Interface	2 USB 2.0 ports
RS232	Support
RS485	Standard 485, half duplex, PTZ control
GENERAL	
Power Supply	110V~220V±10% ±10% 47Hz~63Hz
Working Environment	-10°C~ +55°C / 10%—90%RH
Installation	Shelf/Desk type

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