

HD-NVR169416/169432/169464

16/32/64CH 2U Network Video Recorder



Features

- > Up to 16/32/64 channel IP camera input
- > H.264/H.265/MJPEG dual codec decoding
- > Max 256Mbps incoming bandwidth
- > HDMI/VGA/TV simultaneous video output
- > 16/32/64 channel synchronous realtime preview, GRID interface
- > Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videosec, Vivotek and etc.
- > ONVIF Version 2.3 conformance
- > 3D intelligent positioning with HD PTZ camera
- > Support 16 SATA HDDs up to 96TB, 1 eSATA up to 16TB, 3 USB2.0
- > Support TV-Wall, E-Map, VMS HD
- > Multiple network monitoring: Web viewer, CMS(SDK)

Abundant functions and features

- 3 video output simultaneously output different content
- E-Map, TV-Wall supported
- Bi-directional audio, Broadcasting
- NAT, Socks5
- Alarm management
- Free CMS (NVR Station), supports 128 NVR simultaneously
- CMS supports 6 screens simultaneously (4 x Live viewing, 1 x E-Map, 1 x TV-Wall)

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Technical Specifications

Model	HD-NVR169416	HD-NVR169432	DH-NVR169464
System			
Main Processor	Dual-core embedded processor		
Operating System	Embedded LINUX		
Video & Audio			
IP Camera Input	16 channel	32 channel	64 channel
Two-way Talk	1 channel Input, 1 channel Output, BNC		
Display			
Interface	2 HDMI, 1 VGA, 1 TV		
Resolution	4K, 1920× 1080, 1280× 1024, 1280× 720, 1024× 768 & etc.		
Display Split	1/4/8/9/16	1/4/8/9/16/25/36	1/4/8/9/16/25/36
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording		
Recording			
Compression	H.264/H.265/MJPEG		
Resolution	1080p(1920×1080)/720p(1280×720)/D1(704×576/704×480) & etc.		
Record Rate	192Mbps		
Bit Rate	48~ 8192kbps		
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop		
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec		
Video Detection & Alarm			
Trigger Events	Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips		
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank		
Alarm Input	16 channel	16 channel	16 channel
Relay Output	6 channel	6 channel	6 channel
Playback & Backup			
Sync Playback	1/4/9/16	1/4/9/16	1/4/9/16
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search		
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom		
Backup Mode	USB Device/eSATA Device/Internal SATA burner/Network		
Network			
Ethernet	3 RJ-45 port (10/100/1000Mbps)		
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, VSIP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search, RTP		
Max. User Access	128 users		
Smart Phone	iPhone, iPad, Android, Windows Phone		

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Storage	
Internal HDD	16 SATA ports (16HDDs or 8HDDs+1CD/DVD-RW), up to 96TB
External HDD	1 eSATA port
Auxiliary Interface	
USB	3 ports (2 Rear), USB2.0
RS232	1 port, For PC communication & Keyboard
RS485	1 port, For PTZ control
General	
Power Supply	AC 100~240V, 50/60 Hz
Power Consumption	NVR: 40W (without HDD) PoE: Max 15W (each)
Working Environment	-10°C~+55°C / 10%~90%RH / 86~106kpa
Dimension (W×D×H)	2U, 440mm×407mm×70mm
Weight	5kg (without HDD)

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*Design and specifications are subject to change without notice.