



**AHUA TECH**

## AT-NVR4816/4832-16P-4KS2

16/32 Channel 2U 16PoE 4K&H.265 Lite Network Video Recorder



- > H.265/H.264 codec decoding
- > Max 200Mbps Incoming Bandwidth
- > Up to 8MP Resolution for Preview and Playback
- > HDMI/VGA simultaneous video output
- > Support IPC UPnP, 16PoE ports
- > Support ANR technology to enhance the storage reliability when the network break down

Ordering Information		
Type	Part Number	Description
16 Channel NVR	DHI-NVR4816-16P-4KS2	16 Channel 2U 16PoE 4K&H.265 Lite Network Video Recorder
32 Channel NVR	DHI-NVR4832-16P-4KS2	32 Channel 2U 16PoE 4K&H.265 Lite Network Video Recorder
Accessories	N/A	N/A



## SPECIFICATION:

<b>System</b>	
Main Processor	Quad-core embedded processor
Operating System	Embedded LINUX
<b>Display</b>	
Interface	1 HDMI, 1 VGA
Resolution	3840×2160, 1920×1080, 1280×1024, 1280×720, 1024×768
Multi-screen Display	1/4/8/9/16
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
<b>Video Detection and Alarm</b>	
Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Tampering
Alarm input	16 Channel, Low Level Effective, Green Terminal Interface
Relay Output	4 Channel, NO/NC Programmable, Green Terminal Interface
<b>Playback and Backup</b>	
Playback	1/4/8/16
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/Network
<b>Storage</b>	
Internal HDD	8 SATA III Port, Up to 6 TB capacity for each HDD
HDD Mode	Single
eSATA	N/A
<b>Auxiliary Interface</b>	
USB	3 USB Ports (2 USB2.0, 1 USB3.0)
RS232	1 Port, for PC Communication and Keyboard
RS485	1 Port, for PTZ Control
<b>Third-party Support</b>	
Third-party Support	Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, and more



<b>Audio and Video</b>	
IP Camera Input	16/32 Channel
Two-way Talk	1 Channel Input, 1 Channel Output, RCA
<b>Recording</b>	
Compression	H.265/H.264
Resolution	8Mp/ 6Mp/ 5MP/ 4MP/ 3MP/ 1080P/ 1.3MP/ 720P etc.
Record Rate	200Mbps
Bit Rate	16Kbps ~ 20Mbps Per Channel
Record Mode	Manual, Schedule (Regular, Continuous), MD (Video detection: Motion Detection, Tampering, Video Loss), Stop
Record Interval	1 ~ 120 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec
<b>Network</b>	
Interface	1 RJ-45 Port(10/100/1000M)
Ethernet Port	1 Independent 1000Mbps Ethernet Port
PoE	16 ports (IEEE802.3af/at)
Network Function	HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, IP Search (Support Dahua IP camera, DVR, NVS, etc.), Easy4ip
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF 2.4, CGI Conformant
<b>Electrical</b>	
Power Supply	AC100V ~ 240V, 50 ~ 60 Hz
Power Consumption	NVR: <14.1W (Without HDD)
	PoE: Max 25.5w for single port, 150w in total
<b>Environmental</b>	
Operating Conditions	-10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa
Storage Conditions	-20°C ~ +70°C (-4°F ~ +158°F), 0 ~ 90% RH
<b>Construction</b>	
Dimensions	2U, 440mm×450.1mm×95mm (17.3" x 17.7" x 3.7")
Net Weight	5.4kg (11.9 lb) (without HDD)
Gross Weight	9.5kg(20.9 lb)(without HDD)
<b>Certifications</b>	
CE	EN55032, EN55024, EN50130-4, EN60950-1
FCC	Part 15 Subpart B, ANSI C63.4-2014
UL	UL60950-1+CAN/CSA C22.2 No.60950-1