



# AHUA TECH

## AT-NVR5416/5432/5464-4KS2

### 16/32/64 Channel 1.5U 4K&H.265 Pro Network Video Recorder



- >H.265/H.264/MJPEG/MPEG4 codec decoding
- >Max 320Mbps incoming bandwidth
- >Up to 12Mp resolution preview&playback
- >2HDMI/VGA simultaneous video output
- >3D intelligent positioning with Dahua PTZ camera

Ordering Information		
Type	Part Number	Description
16 Channel NVR	DHI-NVR5416-4KS2	DHI-NVR5416-4KS2
32 Channel NVR	DHI-NVR5432-4KS2	32 Channel 1.5U 4K&H.265 Pro Network Video Recorder
64 Channel NVR	DHI-NVR5464-4KS2	64 Channel 1.5U 4K&H.265 Pro Network Video Recorder
Accessories	ESS1504C	4 HDDs eSATA Storage (Please confirm with Technical Support for HDD capacity & compatibility)
	ESS1508C	8 HDDs eSATA Storage (Please confirm with Technical Support for HDD capacity & compatibility)

## SPECIFICATION:

<b>System</b>	
Main Processor	Quad-core embedded processor
Operating System	Embedded LINUX
<b>Display</b>	
Interface	2 HDMI (1 HDMI up to 3840x2160, Different Source ), 1 VGA
Resolution	3840x2160, 1920x1080, 1280x1024, 1280x720, 1024x768
Multi-screen Display	1st screen: 16CH: 1/4/8/9/16 32CH: 1/4/8/9/16/25/36 64CH: 1/4/8/9/16/25/36 2nd screen: 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 and Screen Tips
Video Detection	Motion Detection, MD Zones: 396 (22 × 18), Video Loss and Tampering
Alarm input	16 Channel, Low Level Effective, Green Terminal Interface
Relay Output	6 Channel, NO/NC Programmable, Green Terminal Interface
Tracking Trigger Event	N/A
<b>Playback and Backup</b>	
Sync Playback	1/4/9/16
Search Mode	Time /Date, Alarm, MD and Exact Search (accurate tosecond)
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/Internal SATA burner/eSATA Device
<b>Storage</b>	
Internal HDD	4 SATA III Ports, up to 8TB capacity for each HDD
HDD Mode	Single
eSATA	1 eSATA port
SAS	N/A
<b>Auxiliary Interface</b>	
Front Cover	N/A
USB	3 ports (2 Rear USB3.0,1 Front USB2.0)
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	16/32/64 Channel
Two-way Talk	1 Channel Input, 1 Channel Output, RCA
<b>Recording</b>	
Compression	H.265/H.264/MJPEG/MPEG4
Resolution	12Mp/8Mp/6Mp/5Mp/4Mp/3Mp/1080P/ 720P/ D1&etc.
Record Rate	320Mbps
Bit Rate	16kbps~20Mbps for per channel
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
<b>Network</b>	
Interface	2 RJ-45 ports (10/100/1000Mbps)
Ethernet Port	2 Ethernet Ports Joint Working or 2 Independent 1000Mbps Ethernet Ports
PoE	N/A
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search(Support Dahua IP camera, DVR, NVS and etc.), P2P
Optical Fiber Interface	N/A
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF 2.4, CGI Conformant
<b>Electrical</b>	
Power Supply	Single, AC 100~240V, 50/60 Hz
Power Consumption	<16.7W (without HDD)
<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(W×D×H)	1.5U, 440mm×411.1mm×76mm (17.3" x 16.2" x 3.0")
Net Weight	4.3kg (9.5 lb) (without HDD)
Gross Weight	7kg(15.4 lb)(without HDD)
<b>Certifications</b>	
CE	EN55022, EN55024, EN50130-4, EN60950-1
FCC	Part15 subpartB,ANSI C63.4-2014
UL	UL60950-1+CAN/CSA C22.2 No.60950-1