

**SPRO**<sup>®</sup>



# DHIPNVR16-4K-V3



4K IP CCTV  
16 Channel IP NVR with AI Technology



## Key Features:

- 16 channel IP input (16 x POE ports)
- Up to 12MP Resolution for Preview and Playback
- Max 320Mbps incoming bandwidth
- H.265/H.264/MJPEG/MPEG4 codec decoding
- 1xHDMI/1xVGA simultaneous video output
- P2P (no port forwarding required) - Apple app/Android app/Windows PC/Apple Mac
- ONVIF 2.4 compatible : Dahua, Hikvision, Arecont Vision, AXIS, Bosch, Brickcom, Canon, Honeywell, Panasonic, Pelco, Samsung, Sony, Vivotek and etc
- Intelligent functions : face detection, intrusion & tripwire
- PTZ control Support intelligent 3D positioning (Drag an area to zoom by mouse)
- Multiple network monitoring: Web viewer & CMS(SPRO CSS)
- Spot monitoring via local network
- Rackmount bracket supplied

## SPECIFICATIONS

<b>Model Number</b>	DHIPNVR16-4K-V3
<b>Operating System</b>	Embedded LINUX
<b>Audio and Video</b>	
<b>IP Camera Input</b>	16 Channel
<b>Two-way Talk</b>	1 Channel Input, 1 Channel Output, RCA

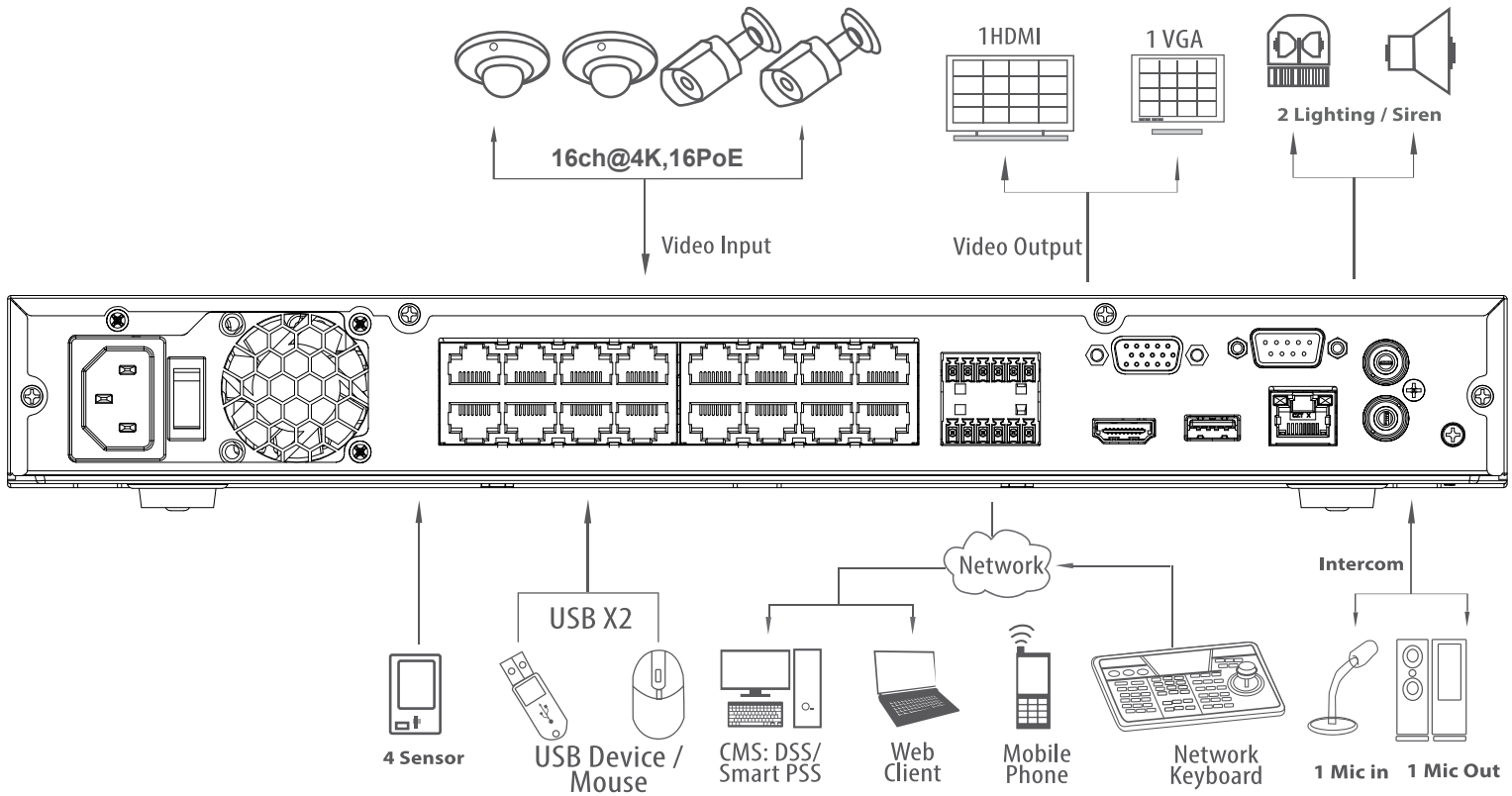
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Display	
<b>Interface</b>	1 HDMI, 1 VGA
<b>Resolution</b>	<b>HDMI:</b> 3840 × 2160 , 1920 × 1080 , 1280 × 1024, 1280 × 720 , 1024 × 768 <b>VGA:</b> 1920 × 1080 , 1280 × 1024, 1280 × 720 , 1024 × 768
<b>Decoding Capability</b>	4-ch@8MP(30fps), 16-ch@1080P(30fps)
<b>Multi-screen Display</b>	16CH: 1/4/8/9/16
<b>OSD</b>	Camera title, Time, Camera lock, Motion detection, Recording
Recording	
<b>Compression</b>	Smart H.265+/ H.265/ Smart H.264+/ H.264/ MJPEG
<b>Resolution</b>	12Mp/8Mp/6Mp/5Mp/4Mp/3Mp/1080P/ 720P/ D1&etc.
<b>Bit Rate</b>	16kbps~20Mbps for per channel
<b>Record Mode</b>	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop
<b>Record Interval</b>	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec
Video Detection and Alarm	
<b>Trigger Events</b>	Recording, PTZ, Tour, Alarm Out, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips
<b>Video Detection</b>	Motion Detection, MD Zones: 396 (22 × 18), Video Loss and Tampering
<b>Alarm input</b>	4 Channel
<b>Relay Output</b>	2 Channel
Playback and Backup	
<b>Sync Playback</b>	1/4/9/16
<b>Search Mode</b>	Time /Date, Alarm, MD and Exact Search (accurate tosecond)
<b>Playback Function</b>	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, Digital Zoom
<b>Backup Mode</b>	USB Device/Network
Third-party Support	
<b>Third-party Support</b>	Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, and more

Network	
<b>Interface</b>	1 RJ-45 port (10/100/1000Mbps)
<b>PoE</b>	16 ports (IEEE802.3af/at) 1-8 ports support ePoE & EoC
<b>Network Function</b>	HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, SNMP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, IP Search (Support IP camera, DVR, NVS, etc.), Easy4IP
<b>Max. User Access</b>	128 users
<b>Smart Phone</b>	iPhone, iPad & Android
<b>Interoperability</b>	ONVIF 2.4, SDK, CGI
Storage	
<b>Internal HDD</b>	2 SATA III Ports, Up to 10 TB capacity for each HDD
<b>eSATA</b>	N/A
Auxiliary Interface	
<b>USB</b>	2 USB Ports (1 Rear USB 3.0 , 1 Front USB 2.0 )
<b>RS232</b>	1 Port, for PC Communication and Keyboard
<b>RS485</b>	1 Port, for PTZ Control
Electrical	
<b>Power Supply</b>	Single, AC 100~240V, 50/60 Hz
<b>Power Consumption</b>	<b>NVR:</b> <15.2W (Without HDD) <b>POE:</b> Max 25.5W for single port 130W total rated power, 80% control for protection
Environmental	
<b>Operating Conditions</b>	-10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa
<b>Storage Conditions</b>	-20°C ~ +70°C (-4°F ~ +158°F), 0 ~ 90% RH
Construction	
<b>Dimensions (W×D×H)</b>	1U, 375mm x 326.5mm x 53mm
<b>Net Weight</b>	2.7kg (without HDD)
<b>Gross Weight</b>	4kg (8.8 lb) (without HDD)

**NVR Capacity**

<b>Resolution &amp; Max Frame Rate 8MP (4K)</b>	<b>Playback Ability</b>
12MP - 12FPS	2 CH
8MP - 25 FPS	4 CH
6MP - 20 FPS	5 CH
5MP - 25FPS	6 CH
4MP - 25FPS	8 CH
3MP - 25 FPS	8 CH
2MP - 25 FPS	8 CH



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