

SPRO®



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

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

(continued)

Display	
Interface	1 HDMI, 1 VGA
Resolution	HDMI: 3840 × 2160 , 1920 × 1080 , 1280 × 1024, 1280 × 720 , 1024 × 768 VGA: 1920 × 1080 , 1280 × 1024, 1280 × 720 , 1024 × 768
Decoding Capability	4-ch@8MP(30fps), 16-ch@1080P(30fps)
Multi-screen Display	16CH: 1/4/8/9/16
OSD	Camera title, Time, Camera lock, Motion detection, Recording
Recording	
Compression	Smart H.265+/ H.265/ Smart H.264+/ H.264/ MJPEG
Resolution	12Mp/8Mp/6Mp/5Mp/4Mp/3Mp/1080P/ 720P/ D1&etc.
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
Video Detection and Alarm	
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	4 Channel
Relay Output	2 Channel
Playback and Backup	
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
Third-party Support	
Third-party Support	Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, and more

Network	
Interface	1 RJ-45 port (10/100/1000Mbps)
PoE	16 ports (IEEE802.3af/at) 1-8 ports support ePoE & EoC
Network Function	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
Max. User Access	128 users
Smart Phone	iPhone, iPad & Android
Interoperability	ONVIF 2.4, SDK, CGI
Storage	
Internal HDD	2 SATA III Ports, Up to 10 TB capacity for each HDD
eSATA	N/A
Auxiliary Interface	
USB	2 USB Ports (1 Rear USB 3.0 , 1 Front USB 2.0)
RS232	1 Port, for PC Communication and Keyboard
RS485	1 Port, for PTZ Control
Electrical	
Power Supply	Single, AC 100~240V, 50/60 Hz
Power Consumption	NVR: <15.2W (Without HDD) POE: Max 25.5W for single port 130W total rated power, 80% control for protection
Fan	Smart fan, automatically adjust running speed
Environmental	
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
Construction	
Dimensions (W×D×H)	1U, 375mm x 326.5mm x 53mm
Net Weight	2.7kg (without HDD)
Gross Weight	4kg (8.8 lb) (without HDD)

