

# SPRO®

ONVIF

immix

AI  
ARTIFICIAL  
INTELLIGENCE

## DHIPNVR32-4K-V4

4K IP CCTV  
32 Channel IP NVR with AI Technology



### Key Features:

- 32 channel IP input (16 x POE ports), 1-8 PoE Ports Support ePoE
- Up to 24MP Resolution for Preview and Playback
- Max 320Mbps incoming bandwidth
- Smart H.265+/H.265/Smart H.264+/H.264/MJPEG codec decoding
- 2xHDMI/2xVGA 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	DHIPNVR32-4K-V4
Operating System	Embedded LINUX
Display	
Interface	2 HDMI, 2 VGA
Resolution	3840x2160, 1920x1080, 1280x1024, 1280x720, 1024x768
Multi-screen Display	1st screen: 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

(continued)

## 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>	16 Channel, Low Level Effective, Green Terminal Interface
<b>Relay Output</b>	6 Channel, NO/NC Programmable, Green Terminal Interface
<b>Tracking Trigger Event</b>	N/A

## Playback and Backup

<b>Sync Playback</b>	1/4/9/16
<b>Search Mode</b>	Time /Date, Alarm, MD and Exact Search (accurate to second)
<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/Internal SATA burner/eSATA Device

## Storage

<b>Internal HDD</b>	4 SATA III Ports, up to 10TB capacity for each HDD
<b>HDD Mode</b>	Single, Raid 0/1/5/6/10
<b>eSATA</b>	1 eSATA port
<b>SAS</b>	N/A

## Auxiliary Interface

<b>Front Cover</b>	N/A
<b>USB</b>	4 ports (2 Rear USB3.0, 2 Front USB2.0)
<b>RS232</b>	1 Port, for PC Communication and Keyboard
<b>RS485</b>	1 Port, for PTZ Control

## 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
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## Audio and Video

<b>IP Camera Input</b>	32 Channel
<b>Two-way Talk</b>	1 Channel Input, 2 Channel Output, RCA

<b>Intelligence</b>	
<b>Intelligent Functions</b>	Tripwire, Intrusion, Face detection, Object Abandoned/Missing
<b>Recording</b>	
<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>Record Rate</b>	320Mbps
<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
<b>Network</b>	
<b>Interface</b>	1 RJ-45 port (10/100/1000Mbps)
<b>Ethernet Port</b>	16 ports (IEEE802.3af/at)
<b>PoE</b>	1-8 ports support ePoE
<b>Network Function</b>	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search, P2P
<b>Optical Fiber Interface</b>	N/A
<b>Max. User Access</b>	128 users
<b>Smart Phone</b>	iPhone, iPad & Android
<b>Interoperability</b>	ONVIF 2.4, SDK, CGI
<b>Electrical</b>	
<b>Power Supply</b>	Single, AC 100~240V, 50/60 Hz
<b>Power Consumption</b>	<17.5W (without HDD) PoE: Max 25.5W for single port 150W total rated power, 80% control for protection
<b>Fan</b>	Smart fan, automatically adjust running speed
<b>Environmental</b>	
<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
<b>Construction</b>	
<b>Dimensions (W×D×H)</b>	2U, 440mm×451.5mm×95mm (17.3" x 17.8" x 3.7")
<b>Net Weight</b>	7kg (15.4 lb) (without HDD)
<b>Gross Weight</b>	9.5kg(20.94 lb)(without HDD)

### Certifications

<b>CE</b>	EN55032, EN55024, EN50130-4, EN60950-1
<b>FCC</b>	Part15 subpartB,ANSI C63.4-2014
<b>UL</b>	UL60950-1

### NVR Capacity

Resolution & Max Frame Rate 8MP (4K)	Playback Ability
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

