

SPRO[®]

Sentinel

immix

AI
ARTIFICIAL
INTELLIGENCE

DHIPNVR08-4K-V2

4K IP CCTV
8 Channel IP NVR with AI Technology



ONVIF



Key Features:

- 8 channel IP input (8 x POE ports)
- Up to 12MP Resolution for Preview and Playback
- Max 320Mbps incoming bandwidth
- H.265/H.264/MJPEG/MPEG4 codec decoding
- HDMI/VGA 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

SPECIFICATIONS

Model Number	DHIPNVR08-4K-V2
Operating System	Embedded LINUX
Display	
Interface	1 HDMI (1 HDMI up to 3840x2160), 1 VGA
Resolution	3840x2160, 1920x1080, 1280x1024, 1280x720, 1024x768
Multi-screen Display	1/4/8/9
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording

(continued)

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, Low Level Effective, Green Terminal Interface
Relay Output	2 Channel, NO/NC Programmable, Green Terminal Interface
Tracking Trigger Event	N/A

Playback and Backup

Sync Playback	1/4/9
Search Mode	Time /Date, Alarm, MD and Exact Search (accurate to second)
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

Storage

Internal HDD	2 SATA III Ports, up to 10TB capacity for each HDD
HDD Mode	Single
eSATA	N/A
SAS	N/A

Auxiliary Interface

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

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
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Audio and Video

IP Camera Input	8 Channel
Two-way Talk	1 Channel Input, 1 Channel Output, RCA

Intelligence	
Intelligent Functions	Tripwire, Intrusion, Face detection, Object Abandoned/Missing
Recording	
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
Network	
Interface	1 RJ-45 port (10/100/1000Mbps)
Ethernet Port	1 Independent 1000Mbps Ethernet Port
PoE	8 ports (IEEE802.3af/at)
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search, P2P
Optical Fiber Interface	N/A
Max. User Access	128 users
Smart Phone	iPhone, iPad & Android
Interoperability	ONVIF 2.4, CGI Conformant
Electrical	
Power Supply	Single, AC 100~240V, 50/60 Hz
Power Consumption	<14.5W (without HDD)
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×327.5mm×53mm (14.8" x 12.9" x 2.1")
Net Weight	2.6kg (5.7lb) (without HDD)
Gross Weight	4kg(8.8lb)(without HDD)

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

