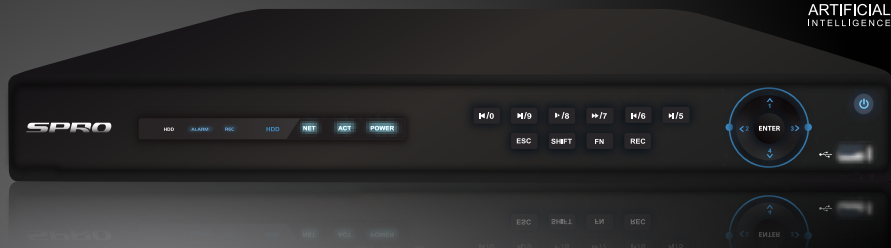


SPRO[®] IP



DHIPNVR16-A3

16 Channel 4K IP NVR with AI Technology



Key Features:

- 16 channel IP input (16 x POE ports)
- Up to 16 megapixel live viewing & recording
- 16 channel POE built-in
- Max 200Mbps incoming bandwidth
- H.265 codec recording
- HDMI/VGA simultaneous video output
- P2P (no port forwarding required) - Apple app/Android app/Windows PC/Apple Mac PC
- SMD (smart motion detection)
- Perimeter protection
- Intrusion (human & vehicle classification)
- Tripwire (human & vehicle classification)
- All channels support Audio over CAT5e cable
- ONVIF 2.4 compatible
- PTZ control Support intelligent 3D positioning (Drag an area to zoom by mouse)
- Multiple network monitoring: Web viewer & CMS(SPRO CSS)
- Spot monitoring via network



SPECIFICATIONS

Model Number	DHIPNVR16-A3
Main Processor	Dual-core embedded processor
Operating System	Embedded LINUX

(continued)

Video

IP Camera Input	16 channel
Two-way Talk	1 channel Input, 1 channel Output, RCA

Display

Interface	1 HDMI, 1 VGA	
Resolution	HDMI	3840×2160, 1920×1080, 1280×1024, 1280×720
	VGA	1920×1080, 1280×1024, 1280×720
Decoding Capacity	2ch@4K 30fps, 8ch@1080P 30fps	
Display Split	1/4/8/9/16	
OSD	Camera title, Time, Camera lock, Motion detection, Recording	

Recording

Compression	H.265/H.264
Resolution	8Mp/ 6Mp/ 5MP/ 4MP/ 3MP/ 1080P/ 1.3MP/ 720P etc.
Record Rate	200Mbps
Bit Rate	16Kbps ~ 20Mbps Per Channel
Record Mode	Manual, Schedule, Motion Detection, 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, Video Push, Snapshot, and Screen Tips
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank
Alarm input	4 Channel
Relay Output	2 Channel

Intelligence

IVS	Tripwire, Intrusion, Object Abandoned/Missing
Advanced Intelligent Functions	Face Detection

Playback & Backup

Sync Playback	1/4/9/16
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search
Playback Functions	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

(continued)

Network

Ethernet	1 RJ-45 port (10/100/1000Mbps)
PoE	16 ports (IEEE802.3at/af)
Network Functions	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search
Max. User Access	128 users
Smart Phone	iPhone, iPad & Android
Interoperability	ONVIF 2.4, SDK, CGI

Storage

Internal HDD 2 SATA Ports, Up to 6 TB capacity for each HDD

Auxiliary Interface

USB Interface	2 ports(1 USB2.0, 1 USB3.0)
RS232	1 Channel
RS485	N/A

General

Power Supply	AC100V ~ 240V, 50 ~ 60 Hz
Power Consumption	NVR: <13.7W(without HDD) PoE: Max 25.5W for single port, 150w in total
Working Environment	-10°C~+55°C / 10%~90%RH / 86~106kpa
Dimensions	Compact 1U, 375mm(W)×285mm(D)×55mm(H)
Weight	2.35 KG(without HDD)

