

SPRO^{IP}



DHIPNVR16-A3

16 Channel 4K IP NVR - 16 Ports POE



HDMI



VGA



PTZ CONTROL



H.265



IPHONE & ANDROID
PHONE VIEWING



APPLE MAC
VIEWING



USB BACKUP

**4K
8MP**

ONVIF

Key Features:

- 16 channel IP input (16 x POE ports)
- Up to 8MP recording
- Up to 2ch@8MP/8ch@1080P decoding
- Max 200Mbps incoming bandwidth
- H.264/MJPEG dual codec decoding
- HDMI/VGA simultaneous video output
- P2P (no port forwarding required) - Apple app/Android app/Windows PC/Apple Mac PC
- 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
Video	
IP Camera Input	16 channel
Two-way Talk	1channel Input, 1channel Output, RCA
Display	
Interface	1 HDMI, 1 VGA

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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	
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	
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	

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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

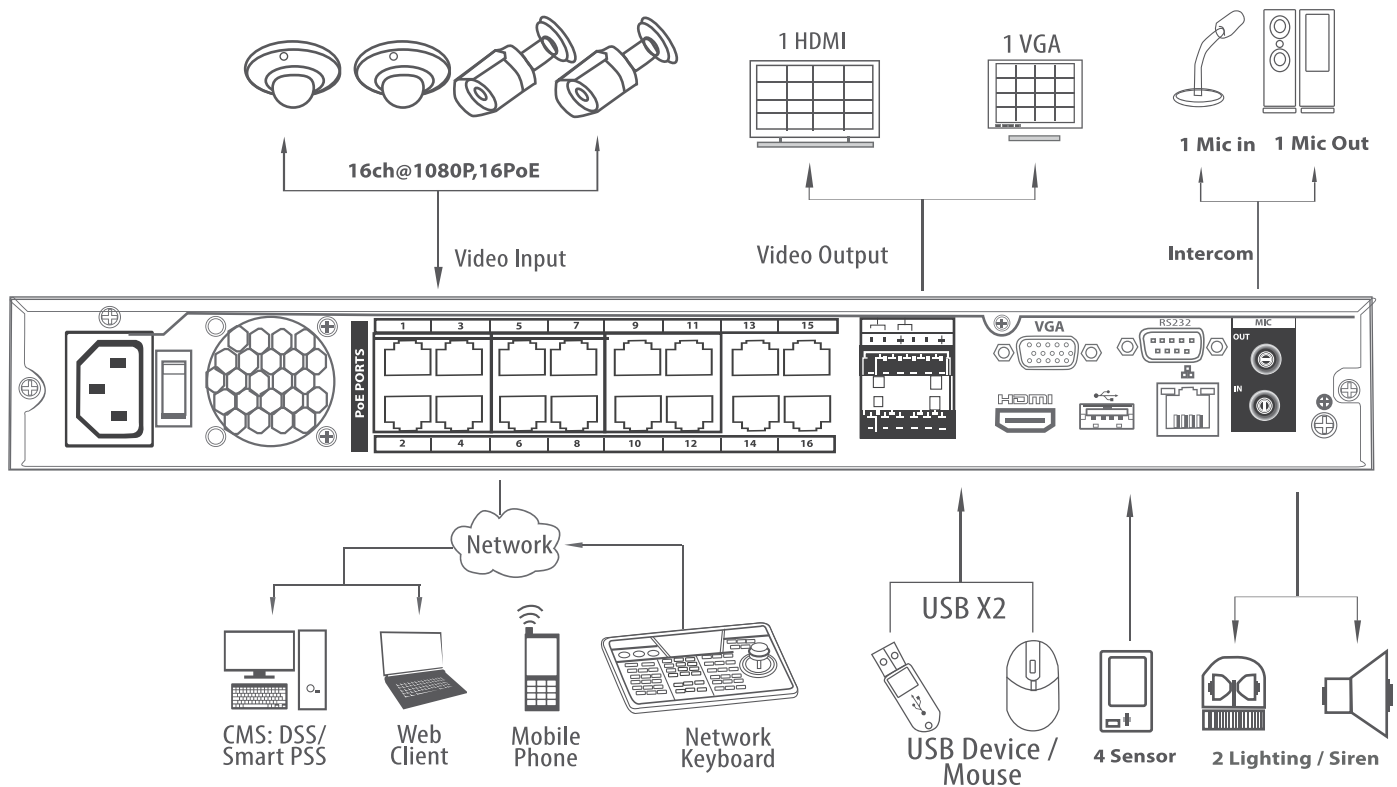
Power Consumption NVR: <13.7W(without HDD)

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)



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