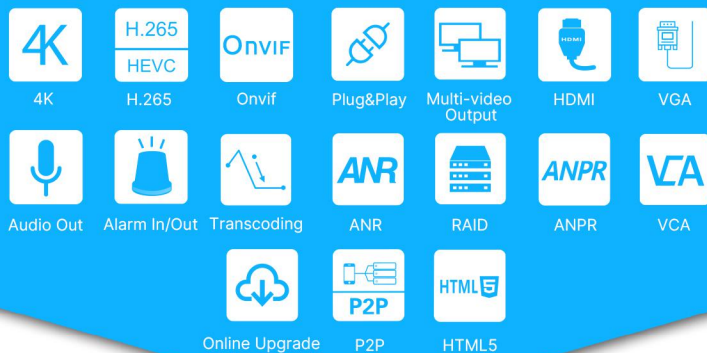


Milesight

4K H.265 PoE NVR 7000 Series



PoE
4K+H.265

DATASHEET

KEY FEATURES

- ▶ **16/24*PoE Ports** (16/24*PoE ports design provides just one step to connect camera to NVR.)
- ▶ **16*1080P, 32*720P** (Maximum supporting 16*1080P or 32*720P network cameras viewing at the same time.)
- ▶ **HDMI & VGA** (Providing both HDMI and VGA ports for users to choose according to their monitor types.)
- ▶ **4*3.5"HDD** (4 SATA of 3.5"HDD, providing 10TB capacity for each HDD, up to 40TB total hard disk storage.)
- ▶ **RAID 0/1/5/6/10** (Supporting 5 different RAID levels (0, 1, 5, 6, 10) for the needs of users.)
- ▶ **Video Content Analysis** (With 10 detection modes, VCA greatly enhances the performance bringing comprehensive surveillance functions.)
- ▶ **ANR** (Can automatically replenish the recording gap due to internet interruptions(by storing at the edge).)

Plug and Play

Milesight PoE NVR 7000 Series features 16/24 independent PoE ports. The NVR will automatically detect, configure and play the live view of the network cameras once the cable is plugged.



H.265+H.264

Smartly figure out and switch between H.264 and H.265 automatically. It will extend the days to save recording file with H.265 than with other compressions.



Powerful Decoding Capacity

Maximum support up to 16*1080P or 32*720P network cameras viewing at the same time.



Multi-video Output

Independent Outputs: Multiple outputs to display various channels independently.
Synchronous Outputs: The same channel to be displayed at different locations synchronously.



4K H.265 PoE NVR 7000 Series



Model			MS-N7016-UPH	MS-N7032-UPH
Video/Audio Input	Network Video Input		16-CH	32-CH
	Bandwidth	Incoming	160Mbps	256Mbps or 200Mbps(When RAID is enabled)
		Outgoing	160Mbps	256Mbps or 200Mbps(When RAID is enabled)
Video/Audio Output	HDMI Output		1-CH, Resolution: 3840x2160/60Hz, 3840x2160/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz HDMI Supports Audio Output	
	VGA Output		1-CH, Resolution: 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz	
	Dual Stream		Support	
	Recording Resolution		12MP/8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/D1/VGA/CIF/QCIF	
	Synchronous Playback		4*(30fps @8MP), 5*(30fps @6MP), 6*(30fps @5MP), 8*(30fps @4MP), 10*(30fps @3MP), 16*(30fps @1080P), 16*(30fps @720P)	4*(30fps @8MP), 5*(30fps @6MP), 6*(30fps @5MP), 8*(30fps @4MP), 10*(30fps @3MP), 16*(30fps @1080P), 32*(30fps @720P)
Video/Audio Compression	Video Compression		H.265+/H.265(HEVC)/H.264+/H.264	
	Audio Compression		G.711/AAC/G.722/G.726	
	Sample Rate		8KHz/16KHz	
	Synchronous Recording		16*5MP	32*5MP
Storage	SATA Capacity		4*SATA HDD(3.5") Up to 10TB capacity for each HDD	
Disk Array	Array Type		RAID0, RAID1, RAID5, RAID6, RAID10	
Recording Management	Recording Type		Continuous, Event (Motion Detection, Alarm, VCA, Smart Analysis)	
	Snapshot Type		Continuous, Event (Motion Detection, Alarm, VCA, Smart Analysis)	
	Playback Type		General Playback, Event Playback, Tag Playback, Split Playback, Picture Playback	
Backup	Backup		Video Backup, Image Backup	
Network	Protocol		IPv4/IPv6, TCP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, NTP, SNTP, SMTP, SNMP, UPnP, NFS	
External Interface	Network Interface		1*RJ45 10/100/1000Mbps 1*RS-485 Series Port for PTZ	
	Serial Interface		1*RS-232 Series Port for Console 1*RS-485 Series Port for Keyboard	
	USB Interface		1*USB 3.0; 2*USB 2.0	
	Audio Input/Output		1*RCA/1*RCA	
	Alarm Input/Output		16-CH/4-CH	
PoE Interface	Interface		16*RJ45 10/100Mbps	24*RJ45 10/100Mbps
	Power Output		≤200W	
	Supported Standard		IEEE 802.3af/at	
General	Compatibility		ONVIF, API	
	Advanced Function		ANR	
	ANPR		Support	
	Video Analysis		Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Human Detection, People Counting, Object Left, Object Removed	
	Keyboard Control		Milesight Keyboard (MS-K01)	
	Power Supply		AC 100V~240V 50Hz~60Hz	
	Consumption		≤15W(Without HDD, without enabling PoE)	≤22W(Without HDD, without enabling PoE)
	Working Conditions		Temperature: -10℃~55℃/Humidity: 10%~90%	
	Dimensions		Rack Mountable Chassis (1.5U Standard) 440mm(W)X320mm(D)X66.8mm(H)	Rack Mountable Chassis (1.5U Standard) 440mm(W)X390mm(D)X66.75mm(H)
	Weight		5.0Kg	4.89Kg
	Warranty		3/5 Years	

V8.0

4K H.265 PoE NVR 7000 Series

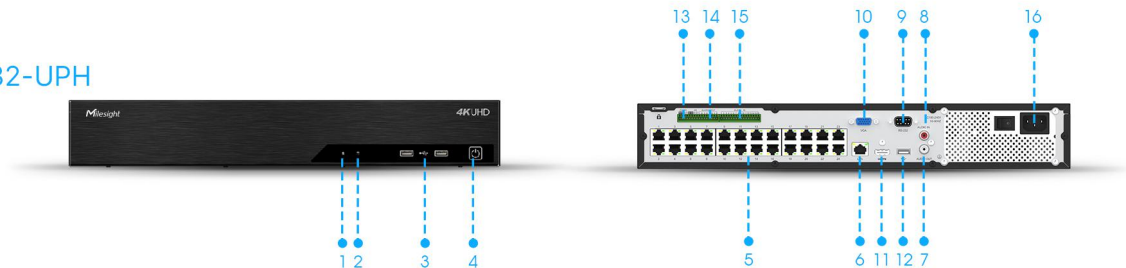


Interfaces

MS-N7016-UPH



MS-N7032-UPH



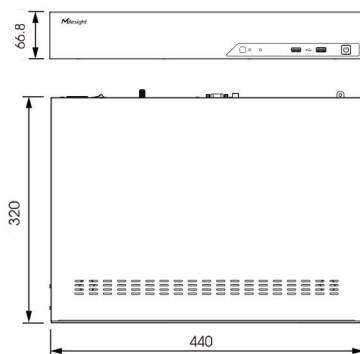
- | | | | | | | | |
|------------------|------------------|----------|----------|--------------|---------------|--------------|-------------|
| 1. Run Indicator | 2. HDD Indicator | 3. USB | 4. Power | 5. PoE Ports | 6. LAN | 7. Audio Out | 8. Audio In |
| 9. RS-232 | 10. VGA | 11. HDMI | 12. USB | 13. RS-485 | 14. Alarm Out | 15. Alarm In | 16. Power |

Installation of HDDs

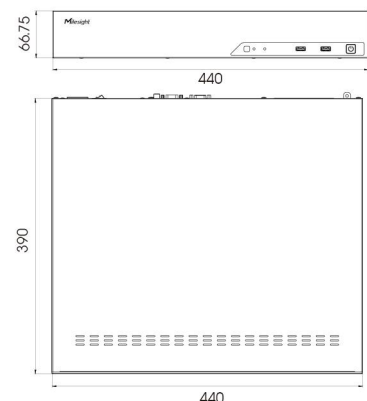


Structure Diagrams

MS-N7016-UPH

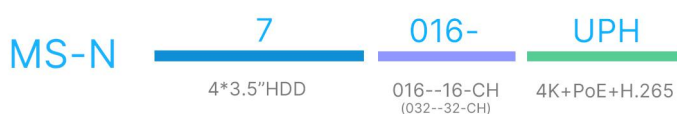


MS-N7032-UPH



Units: mm

Naming Convention



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