

# 4K H.265 PoE NVR 7000 Series

PoE	Ultra HD	H.265	HDMI	VGA	Dual Stream	Mobile Connection
Audio In/Out	Alarm In/Out	RAID				



MS-N7032-UPH

[DATASHEET](#)

## KEY FEATURES

- ▶ 16\*PoE Ports (16\*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 0/1/5/10 (Supporting 4 different RAID levels (0, 1, 5, 10) for the needs of users.)

### Plug and Play

Milesight PoE NVR 7000 Series features 16 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.

8-CH 20fps@4MP	4-CH 30fps@8MP	<b>4K</b>	
10-CH 30fps@3MP	16-CH 30fps@1080P		

### 4K Video Viewing Experience

Milesight 4K H.265 PoE NVR 7000 Series supports up to 4K definition (3840\*2160, effectively four times that of Full HD ) live viewing, playback and recording, providing users with ultra-high-definition video viewing experience.





Model		MS-N7032-UPH
Video/Audio Input	Network Video Input	32-CH
	Bandwidth	320Mbps 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	8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/D1/VGA/CIF/QCIF
	Synchronous Preview/Playback	4*(30fps @8MP), 5*(30fps @6MP), 6*(20fps @5MP), 8*(20fps @4MP), 10*(30fps @3MP), 16*(30fps @1080P), 32*(30fps @720P)
Video/Audio Compression	Video Compression	H.265(HEVC)/H.264
	Audio Compression	G.711 U-Law
	Sample Rate	8KHz/16KHz
	Synchronous Recording	32*5MP
Storage	Driver	4*SATA HDD(3.5")
	Capacity	Up to 10TB capacity for each HDD
Disk Array	Array Type	RAID 0, RAID 1, RAID 5, RAID 10
Recording Management	Recording	Manual Recording, Timing Recording, Motion Detection Recording, Alarm Recording, Motion Detection or Alarm Recording, Motion Detection and Alarm Recording
	Snapshot	Manual Snapshot
	Playback	Video Playback, Image Playback
Backup	Backup	Video Backup, Image Backup
Network	Protocol	IPv4, TCP, UDP, RTP, RTSP, RTCP, HTTP, DNS, DDNS, DHCP, NTP, SNTP, SMTP, PPPoE
External Interface	Network Interface	1*RJ45 100M/1000M 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
General	Power Output	≤200W
	Supported Standard	IEEE 802.3af
	Power Supply	AC 100V~240V 50Hz~60Hz
	Consumption	≤15W(Without HDD, without enabling PoE)
	Working Conditions	Temperature: -10℃~+55℃ Humidity: 10%~90%
	Dimensions	1.5U Standard Chassis 440mm(W)×320mm(D)×66.8mm(H)
	Weight	5.0Kg
Warranty	3/5 Years	

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## Interfaces

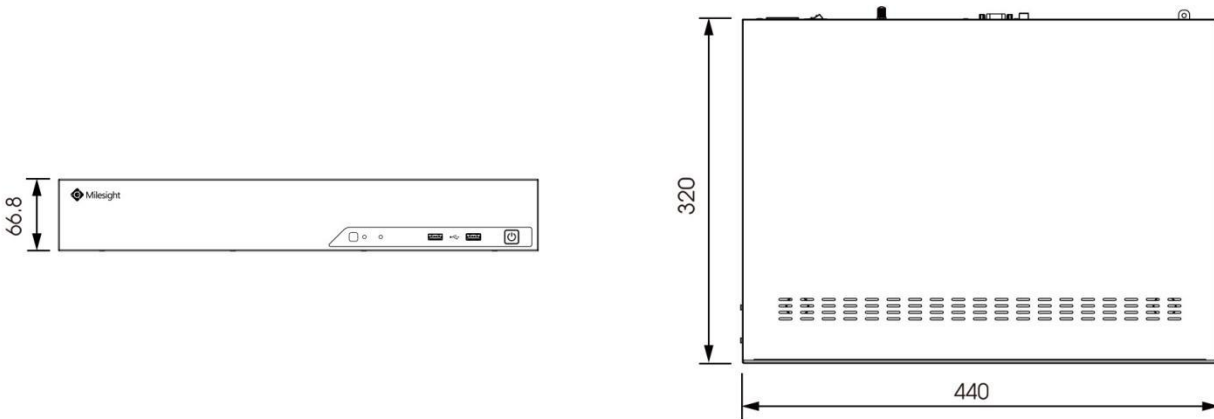


- 1. Run Indicator    2. HDD Indicator    3. USB    4. Power    5. PoE Ports    6. LAN    7. Audio Out    8. Audio In
- 9. RS-232    10. VGA    11. HDMI    12. USB    13. RS-485    14. Alarm Out    15. Alarm In    16. Power

## Installation of HDDs



## Structure Diagrams



Units: mm

## Naming Convention



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