

4K H.265 Pro NVR 8000 Series

4K+H.265



MS-N8032-UH/MS-N8064-UH

DATASHEET

KEY FEATURES

- ▶ **Powerful Decoding Capacity** (Maximum supporting 16*1080P, 32*720P or 64*D1 network cameras viewing at the same time.)
- ▶ **HDMI & VGA** (Providing both HDMI and VGA ports for users to choose according to their monitor types.)
- ▶ **8*3.5" HDD** (8 SATA of 3.5" HDD, providing 10TB capacity for each HDD, up to 80TB total hard disk storage.)
- ▶ **Dual LAN Interfaces** (Designed for three network working modes as Multi-address, Load Balance and Net Fault-tolerance.)

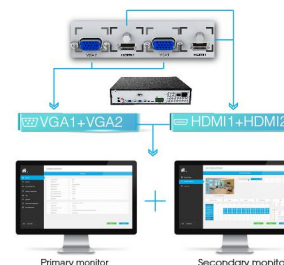
H.265+H.264

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.



Dual Monitor Display

The primary monitor and secondary monitor can be configured separately and have their own display settings which enable users to have different liveview or playback display layout simultaneously, offering a more efficient and explicit surveillance.



4K Video Viewing Experience

Milesight 4K H.265 Pro NVR 8000 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.



RAID 0/1/5/6/10

RAID (Redundant Array of Independent Disks) is a method of combining hard disks as a logical unit to achieve redundancy and greater speed of writing and reading data.

RAID Type	No. of hard disk drives required	Total Storage Space
RAID 10	4, 6, 8	n/2
RAID 6	≥ 4	n-2
RAID 5	≥ 3	n-1
RAID 1	2	n/2
RAID 0	≥ 2	n

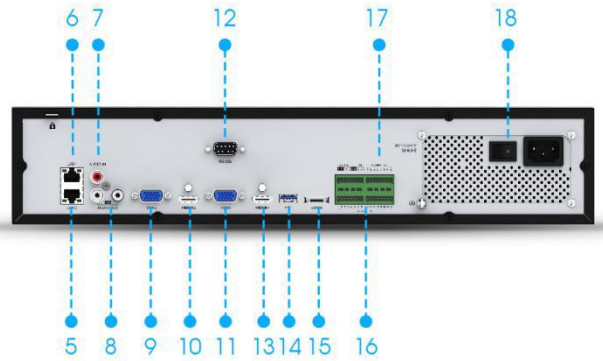
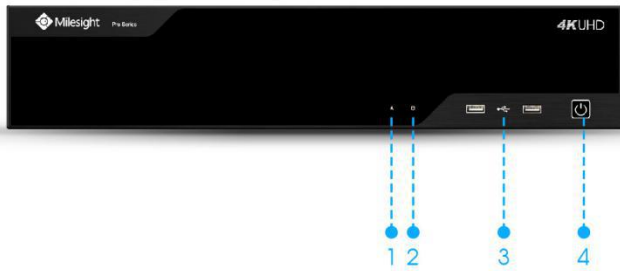


Model		MS-N8032-UH	MS-N8064-UH
Video/Audio Input	Network Video Input	32-CH	64-CH
	Bandwidth	Incoming Outgoing	320Mbps or 200Mbps(when RAID is enabled) 256Mbps or 200Mbps(when RAID is enabled)
Video/Audio Output	HDMI Output	2-CH, Resolution: 3840x2160/60Hz(HDMI1 Only), 3840x2160/30Hz(HDMI1 Only), 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60Hz,1280x720/60Hz, 1024x768/60Hz HDMI Supports Audio Output	
	VGA Output	2-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*(20fps @5MP), 8*(20fps @4MP), 10*(30fps@3MP), 16*(30fps@1080P), 32*(30fps@720P)	4*(30fps @8MP), 5*(30fps @6MP), 6*(20fps @5MP), 8*(20fps @4MP), 10*(30fps@3MP), 16*(30fps@1080P), 32*(30fps@720P), 64*(30fps @D1)
Video/Audio Compression	Video Compression	H.265 ⁺ /H.265(HEVC)/H.264 ⁺ /H.264	
	Audio Compression	G.711/AAC	
	Sample Rate	8KHz/16KHz	
	Synchronous Recording	32*5MP	64*5MP
Storage	SATA	8*SATA HDD (3.5")	
	eSATA	1*eSATA	
	Capacity	Up to 10TB capacity for each HDD	
Disk Array	Array Type	RAID0, RAID1, RAID5, RAID6, RAID10	
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/IPv6, TCP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, NTP, SNTP, SMTP, SNMP, UPnP	
External Interface	Network Interface	2*RJ45 100M/1000M	
	Serial Interface	1*RS-485 Series Port for PTZ	
		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/2*RCA	
Alarm Input/Output	16-CH/4-CH		
General	Keyboard Control	Milesight Keyboard (MS-K02)	
	Power Supply	AC 100V~240V 50Hz~60Hz	
	Consumption	≤35W(Without HDD)	
	Working Conditions	Temperature: -10℃~+55℃ Humidity: 10%~90%	
	Dimensions	2.0U Standard Chassis 440mm(W)×420mm(D)×88.2mm(H)	
	Weight	6.0Kg	
	Warranty	3/5 Years	

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Interfaces

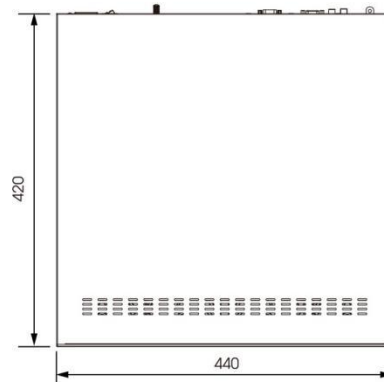


- 1. Run Indicator 2. HDD Indicator 3. USB 4. Power
- 5. LAN1 6. LAN2 7. Audio In 8. Audio Out
- 9. VGA2 10. HDMI2 11. VGA1 12. RS-232 13. HDMI1 14. USB 15. eSATA 16. Alarm In
- 17. Alarm Out 18. Power

Installation of HDDs



Structure Diagrams



Units: mm

Naming Convention

