

4K H.265 Pro NVR 8000 Series

UHD 2160P Ultra HD	H.265+ HEVC H.265+	HDMI	VGA	Dual Stream	Dual Screen Output	Mobile Connection
Alarm In/Out	Audio In/Out	RAID	P2P	VCA	ANR	N+1 Hot Spare N+1 Hot Spare



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.)
- ▶ **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).)
- ▶ **N+1 Hot Spare** (A backup mechanism which ensures the monitoring system uninterrupted working.)

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.



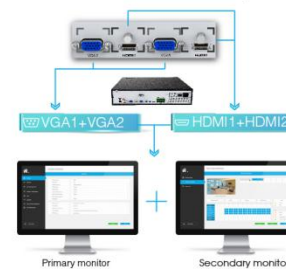
4K Video Viewing Experience

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.



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.



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

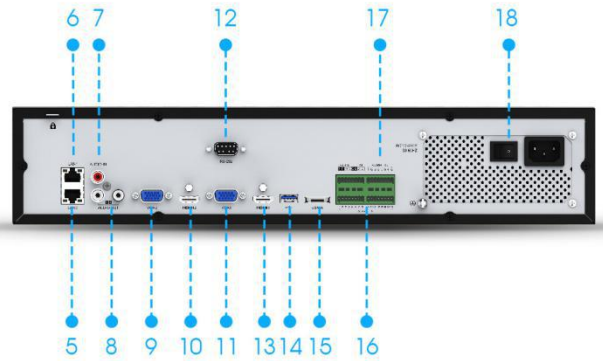
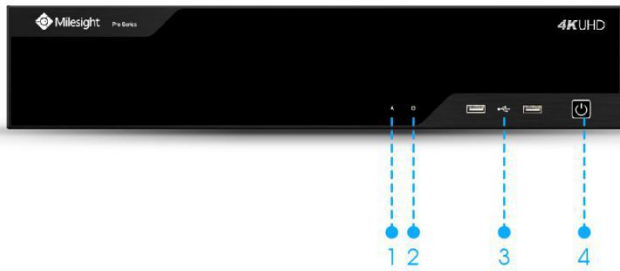


Model		MS-N8032-UH	MS-N8064-UH
Video/Audio Input	Network Video Input	32-CH	
	Bandwidth	64-CH	
	Incoming	256Mbps or 200Mbps(when RAID is enabled)	320Mbps or 200Mbps(when RAID is enabled)
	Outgoing	256Mbps or 200Mbps(when RAID is enabled)	256Mbps or 200Mbps(when RAID is enabled)
Video/Audio Output	HDMI 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*(30fps @5MP), 8*(30fps @4MP), 10*(30fps@3MP), 16*(30fps@1080P), 32*(30fps@720P)	4*(30fps @8MP), 5*(30fps @6MP), 6*(30fps @5MP), 8*(30fps @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/G.722/G.726	
	Sample Rate	8KHz/16KHz	
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 Type	Continuous, Motion Detection, Alarm, Smart Event, Event (Motion Detection, Alarm, Smart Event)	
	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, NFS	
External Interface	Network Interface	2*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/2*RCA	
	Alarm Input/Output	16-CH/4-CH	
	General	Compatibility	ONVIF
Advanced Function		ANR, N+1 Hot Spare	
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		≤35W(Without HDD)	
Working Conditions		Temperature: -10℃~55℃/Humidity: 10%~90%	
Dimensions		Rack Mountable Chassis (2.0U Standard) 440mm(W)X420mm(D)X88.2mm(H)	
Weight		6.0Kg	
Warranty	3/5 Years		

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Interfaces

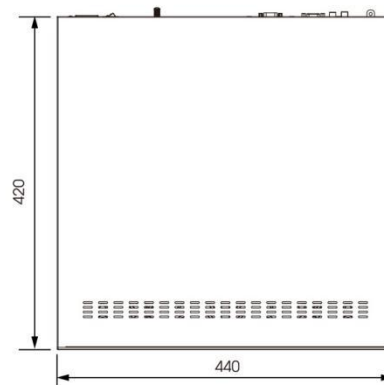


- 1. Run Indicator 2. HDD Indicator 3. USB 4. Power 5. LAN1 6. LAN2 7. Audio In 8. Audio Out
- 9. VGA2 10. HDMI2 11. VGA1 12. RS-232 13. HDMI1 14. USB 15. eSATA 16. Alarm In
- 17. Alarm Out 18. Power

Installation of HDDs



Structure Diagrams



Units: mm

Naming Convention



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