

Milesight

4K H.265 Pro NVR 5000 Series

NDA A

4K+H.265



DATASHEET



KEY FEATURES

- ▶ NDA A Compliance (The fully NDA A-compliant products are well suited for government, defense and a range of projects subject to the NDA A.)
- ▶ 8/16-CH Network Video Input (Up to 8/16 channels IP cameras can be connected.)
- ▶ H.265⁺ (H.265⁺ allows to cut down 70%~80% bandwidth while ensuring the high quality of images compared with H.264.)
- ▶ Dual Stream Recording (Supporting Primary Stream and Secondary Stream recording simultaneously.)
- ▶ HTML5 Streaming Ready (Support previewing the video via all major browsers without plug-in when Video Codec is set to H.265.)
- ▶ Auto Backup (The latest 24 hours' video will be automatically backed up to USB Port Devices or NAS after setting up the backup.)

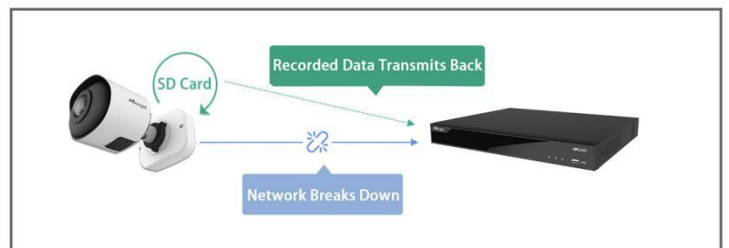
Power Decoding Capacity & Flexible Storage Options

- The 4K NVR is equipped with solid 4K decoding and display capabilities and maximum support simultaneous viewing of 12*1080P or 16*720P network cameras.
- Providing flexible storage options including HDD and NAS to address the needs for versatile storage.



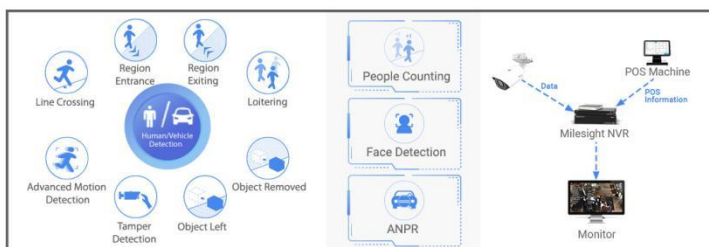
Reliability

- ANR can store video data on the camera storage card when network between IPC and NVR is disconnected and retransfer the recorded video to NVR after network recovers.



AI Video Analytics & POS Integration

- All-in-one to Manage AI & ANPR:
VCA Function focus on human and vehicle detection.
People Counting provides high-accuracy data and statistic reports.
Face Detection function supports attribute recognition.
Enterprise ANPR Management makes it easy to monitor traffic.
- POS machine information can be transferred to and displayed on the NVR.



Flexible Structure

- U-Rack Standard supported.
- A whole array of ports provides all necessary features for effective surveillance.



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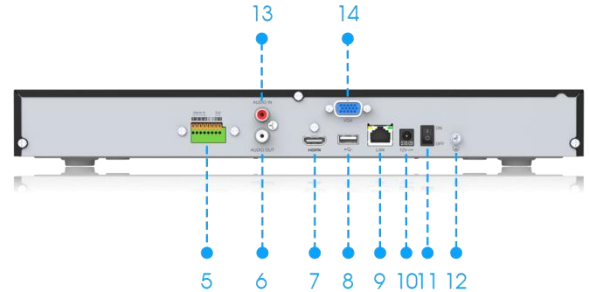
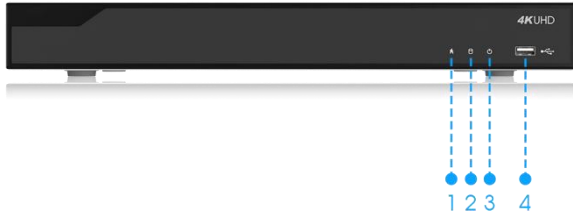


Model		MS-N5008-E	MS-N5008-NE	MS-N5016-NE
Video/Audio Input	Network Video Input	8-CH		16-CH
	Bandwidth	Incoming Outgoing	80Mbps 50Mbps	160Mbps 160Mbps
Video/Audio Output	HDMI Output	1-CH, Resolution: 3840x2160/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz HDMI Supports 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 Playback	1*(30fps @8MP), 2*(30fps @6MP), 2*(30fps @5MP), 3*(30fps @4MP), 4*(30fps @3MP), 6*(30fps @1080P), 8*(30fps @720P)	3*(30fps @8MP), 4*(30fps @6MP), 4*(30fps @5MP), 6*(30fps @4MP), 8*(30fps @3MP), 8*(30fps @1080P), 8*(30fps @720P), 8*(30fps @D1)	3*(30fps @8MP), 4*(30fps @6MP), 4*(30fps @5MP), 6*(30fps @4MP), 8*(30fps @3MP), 12*(30fps @1080P), 16*(30fps @720P), 16*(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	2*SATA HDD(3.5")		
	Capacity	Up to 10TB capacity for each HDD		
Recording Management	Recording Type	Continuous, Event (Motion Detection, Alarm, VCA, Smart Analysis)		
	Snapshot Type	N/A	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		
	USB Interface	2*USB 2.0		
	Audio Input/Output	1*RCA/1*RCA		
	Alarm Input/Output	4-CH/1-CH		
General	Compatibility	ONVIF, API		
	Advanced Function	ANR		
	ANPR	Support		
	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, People Counting, Object Left, Object Removed		
	Keyboard Control	Milesight Keyboard (MS-K01)		
	Power Supply	DC 12V 50Hz~60Hz		
	Consumption	≤3W(Without HDD)	≤4W(Without HDD)	≤4W(Without HDD)
	Working Conditions	Temperature: -10℃~55℃ / Humidity: 10%~90%		
	Dimensions	Rack Mountable Chassis (1.0U Standard) 380mm(W)X317.6mm(D)X51.8mm(H)		
	Weight	1.9Kg	1.9Kg	1.9Kg
Warranty	3/5 Years			



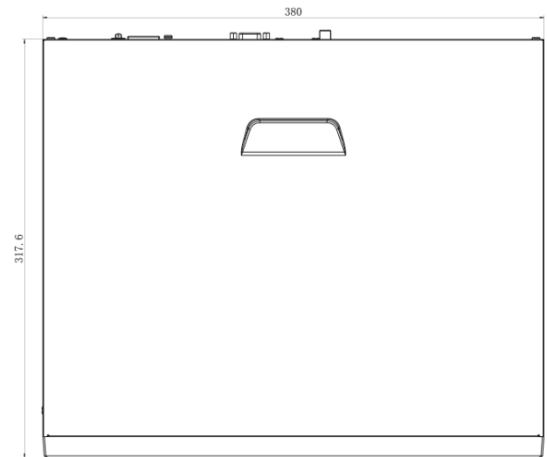
Interfaces

MS-N5008-E /MS-N5008-NE /MS-N5016-NE



- 1. Run Indicator 2. HDD Indicator 3. Power Indicator 4. USB
- 5. Alarm In/Out 6. Audio Out 7. HDMI 8. USB
- 9. Ethernet Port 10. Power 11. Power Button 12. GND
- 13. Audio In 14. VGA

Structure Diagrams



Units: mm

Naming Convention

