

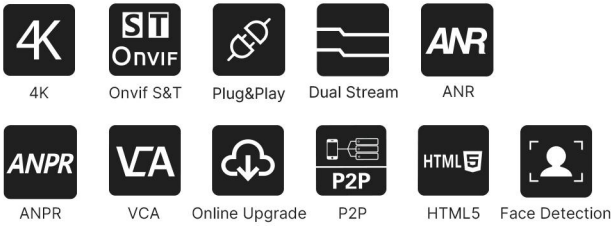
4K PoE NVR 5000 Series

NDA A

4K
PoE



DATASHEET

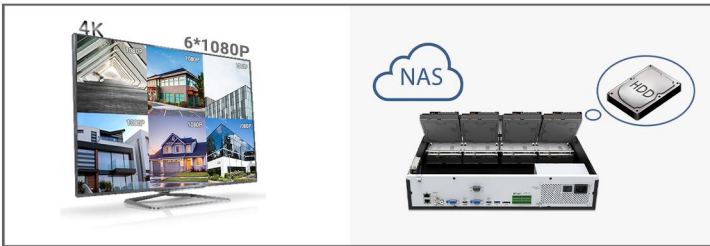


KEY FEATURES

- ▶ 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 Input & 8/16*PoE Ports (8/16 channels are supported, and PoE ports design provides just one step to connect.)
- ▶ Dual Stream Recording (Supporting Primary Stream and Secondary Stream recording simultaneously.)
- ▶ Auto Backup (The latest 24 hours' video will be automatically backed up to USB Port Devices or NAS after setting up the backup.)

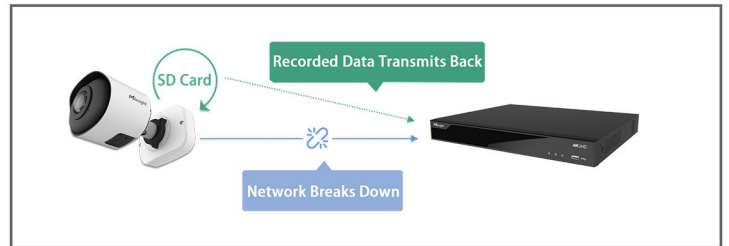
Power Decoding Capacity & Flexible Storage Options

- The 4K NVR is equipped with solid 4K decoding and display capabilities and maximum support simultaneous viewing of 6*1080P or 12*720P network cameras.
- Providing flexible storage options including HDD and NAS to address the needs for versatile storage.



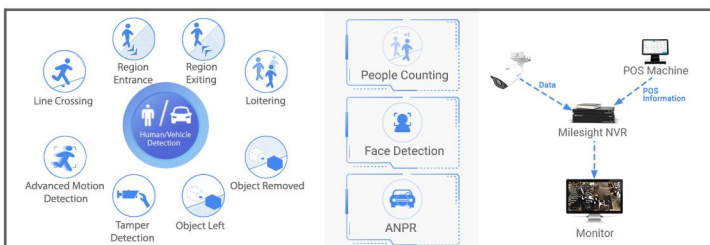
Reliability

- 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.



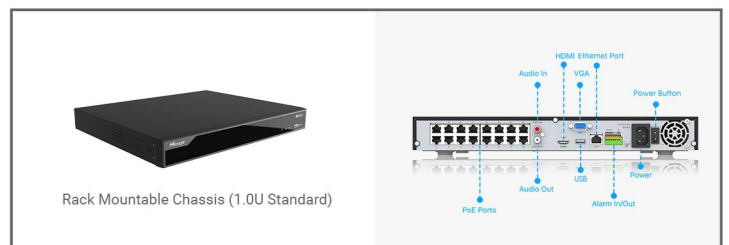
AI Video Analytics & POS Integration

- 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.





Model		MS-N5008-PE	MS-N5008-NPE	MS-N5016-NPE	
Video/Audio Input	Network Video Input	8-CH		16-CH	
	Bandwidth	Incoming	80Mbps	160Mbps	
		Outgoing	50Mbps	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	*The recommended parameters are theoretical values only. Actual performance may vary depending on the usage environment, the number of connected cameras, and their models.			
		*Resolutions with width or height >4096 not supported for decoding.			
		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)	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 *H.265 decoding is supported with performance limitations depending on stream settings. System performance may vary based on bitrate, resolution, and number of channels.			
	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	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			
PoE Interface	Interface	8*RJ45 10/100Mbps		16*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, People Counting, Object Left, Object Removed		
	Keyboard Control	MileSight Keyboard (MS-K01)		
	Power Supply	AC 100V~240V 50Hz~60Hz		
	Consumption	≤9W(Without HDD, without enabling PoE)	≤7.5W(Without HDD, without enabling PoE)	≤8.5W(Without HDD, without enabling PoE)
	Working Conditions	Temperature: -10°C~55°C / Humidity: 10%~90%		
	Dimensions	Rack Mountable Chassis (1.0U Standard) 380mm(W)X317.6mm(D)X51.8mm(H)		
	Weight	2.6Kg	2.7Kg	2.7Kg
	Warranty	3/5 Years		

V8.05

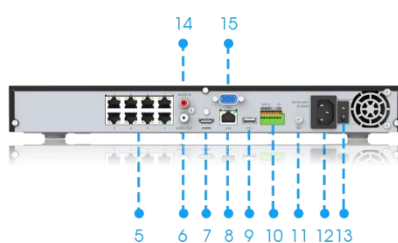


Interfaces

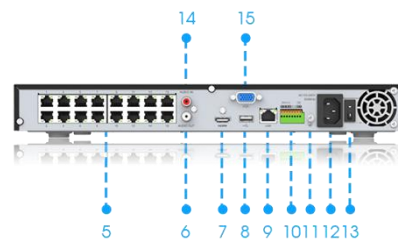
MS-N5008-PE /MS-N5008-NPE /MS-N5016-E



MS-N5008-PE /MS-N5008-NPE

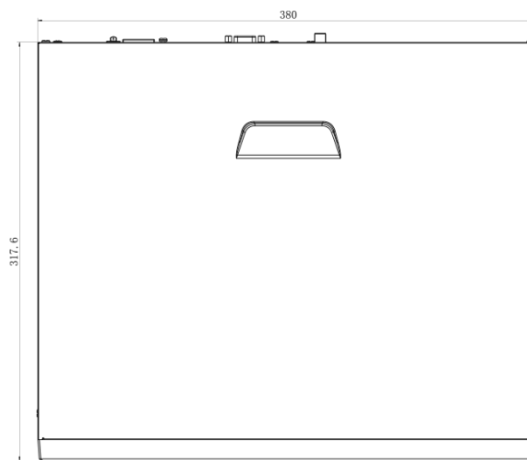


MS-N5016-E



- 1. Run Indicator 2. HDD Indicator 3. Power Indicator 4. USB
- 5. PoE Ports 6. Audio Out 7. HDMI 8. USB
- 9. Ethernet Port 10. Alarm In/Out 11. GND 12. Power
- 13. Power Button 14. Audio In 15. VGA

Structure Diagrams



Units: mm

Naming Convention

