

# 4K H.265 Pro NVR 5000 Series



MS-N5008-UC/MS-N5008-UT/MS-N5016-UT

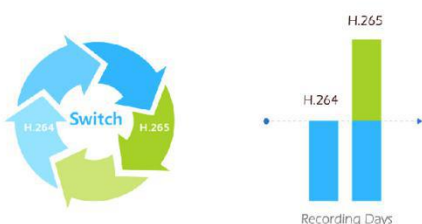
[DATASHEET](#)

## KEY FEATURES

- ▶ **Powerful Decoding Capacity** (Maximum supporting 8\*1080P or 16\*720P for Milesight Pro NVR 5000 Series.)
- ▶ **HDMI & VGA** (Providing both HDMI and VGA ports for users to choose according to their monitor types.)
- ▶ **2\*3.5" HDD** (2 SATA of 3.5" HDD, providing 10TB capacity for each HDD, up to 20TB total hard disk storage.)
- ▶ **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).)

### 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 5000 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.



### Powerful Decoding Capacity

Maximum supporting 4\*1080P or 8\*720P for MS-N5008-UC, 8\*1080P or 8\*720P for MS-N5008-UT, 8\*1080P or 16\*720P for MS-N5016-UT.



### Remote Access

Milesight 4K H.265 Pro NVR 5000 Series can be easily accessed and managed remotely via Milesight CMS and mobile APP.



# 4K H.265 Pro NVR 5000 Series



Model			MS-N5008-UC		MS-N5008-UT		MS-N5016-UT	
Video/Audio Input	Network Video Input		8-CH				16-CH	
	Bandwidth	Incoming	80Mbps				160Mbps	
		Outgoing	80Mbps				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), 1*(30fps @6MP), 1*(30fps @5MP), 2*(30fps @4MP), 2*(30fps @3MP), 4*(30fps @1080P), 8*(30fps @720P)		2*(30fps @8MP), 2*(30fps @6MP), 3*(30fps @5MP), 4*(30fps @4MP), 5*(30fps @3MP), 8*(30fps @1080P), 8*(30fps @720P)		2*(30fps @8MP), 2*(30fps @6MP), 3*(30fps @5MP), 4*(30fps @4MP), 5*(30fps @3MP), 8*(30fps @1080P), 16*(30fps @720P)	
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					
	Synchronous Recording		8*5MP				16*5MP	
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		1*USB 3.0; 2*USB 2.0			
	Audio Input/Output		1*RCA /1*RCA		— /1*RCA			
	Alarm Input/Output		4-CH/1-CH					
General	Compatibility		ONVIF, API					
	Advanced Function		ANR					
	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		DC 12V 50Hz~60Hz					
	Consumption		≤3W(Without HDD)		≤10W(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)		Rack Mountable Chassis (1.0U Standard) 440mm(W)X251mm(D)X44.4mm(H)			
	Weight		1.9Kg		2.6Kg			
	Warranty		3/5 Years					

V7.21

# 4K H.265 Pro NVR 5000 Series

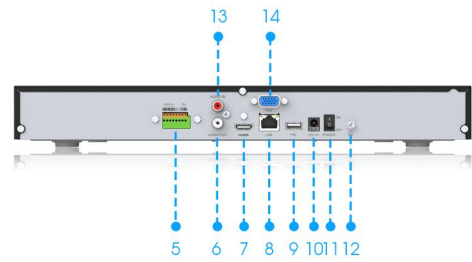


## Interfaces

### MS-N5008-UC



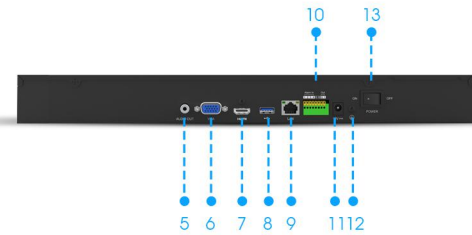
1. Run Indicator 2. HDD Indicator 3. Power Indicator 4. USB 5. Alarm In/Out 6. Audio Out 7. HDMI  
8. Ethernet Port 9. USB 10. Power 11. Power Button 12. GND 13. Audio In 14. VGA



### MS-N5008-UT/MS-N5016-UT

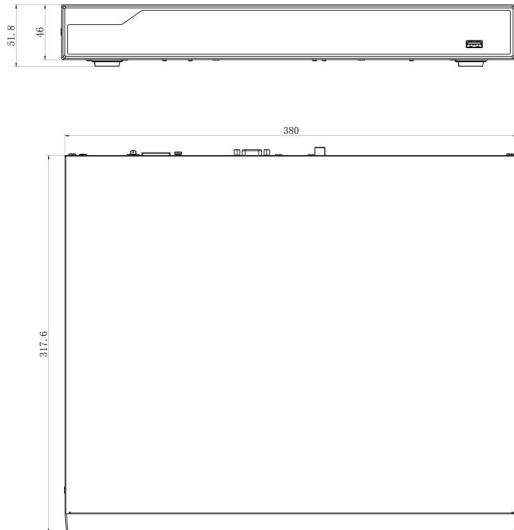


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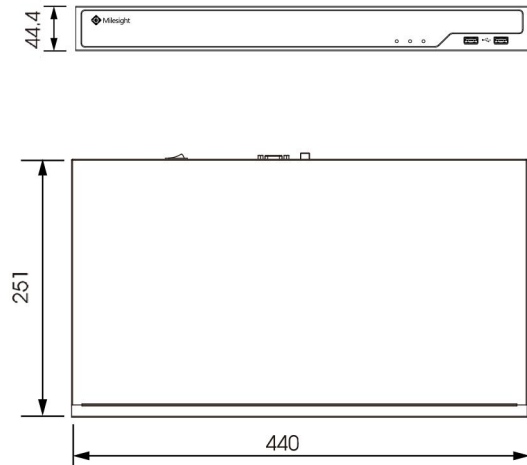


## Structure Diagrams

### MS-N5008-UC



### MS-N5008-UT/MS-N5016-UT



Units: mm

## Naming Convention



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