

4K H.265 PoE NVR 5000 Series

- 4K
- H.265 HEVC
- ONVIF
- Plug&Play
- HDMI
- VGA
- Audio Out
- Alarm In/Out
- Dual Stream
- ANR
- ANPR
- VCA
- Online Upgrade
- P2P
- HTML5



PoE

4K+H.265

MS-N5008-UPC/MS-N5016-UPT

DATASHEET

KEY FEATURES

- ▶ 8/16*PoE Ports (8/16*PoE ports design provides just one step to connect camera to NVR.)
- ▶ 8*1080P, 16*720P (Maximum supporting 8*1080P or 16*720P network cameras viewing at the same time.)
- ▶ 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).)

Plug and Play

Milesight PoE NVR 5000 Series features 8/16 independent PoE ports. The NVR will automatically detect, configure and play the live view of the network cameras once the cable is plugged.

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.



Powerful Decoding Capacity

Maximum support 8*1080P or 16*720P network cameras viewing at the same time.

4K Video Viewing Experience

Milesight 4K H.265 PoE 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.



4K H.265 PoE NVR 5000 Series

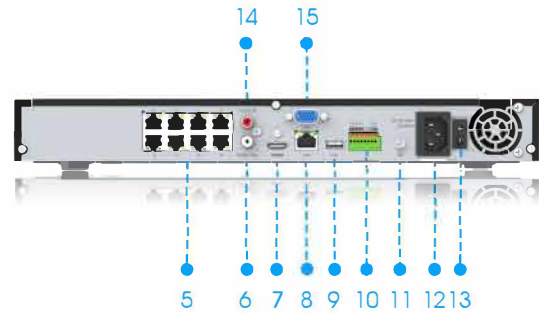


| Model | | MS-N5008-UPC | MS-N5016-UPT | |
|-------------------------|-----------------------|---|--|---------|
| Video/Audio Input | Network Video Input | 8-CH | 16-CH | |
| | Bandwidth | Incoming | 80Mbps | 160Mbps |
| | | Outgoing | 80Mbps | 160Mbps |
| Video/Audio Output | HDMI Output | 1-CH, Resolution: 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), 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 | 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 | 1*USB 3.0; 1*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 | ≤120W | ≤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, Human Detection, 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) | ≤15W(Without HDD, without enabling PoE) | |
| | Working Conditions | Temperature: -10℃~55℃ / Humidity: 10%~90% | | |
| | Dimensions | Rack Mountable Chassis (1.0U Standard) 380mm(W)X317.6mm(D)X51.8mm(H) | | |
| | Weight | 2.6Kg | 2.7Kg | |
| | Warranty | 3/5 Years | | |



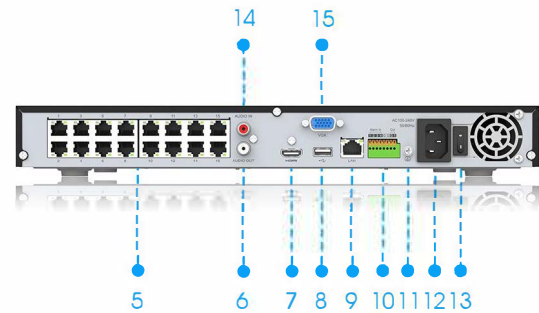
Interfaces

MS-N5008-UPC



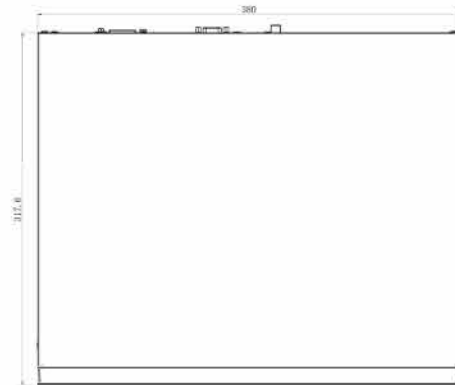
1. Run Indicator 2. HDD Indicator 3. Power Indicator 4. USB 5. PoE Ports 6. Audio Out 7. HDMI 8. Ethernet Port
9. USB 10. Alarm In/Out 11. GND 12. Power 13. Power Button 14. Audio In 15. VGA

MS-N5016-UPT



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



Naming Convention

Units: mm

