KEY FEATURES

- **Powerful Decoding Capacity** (Maximum supporting 16*1080P or 32*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.)
- **4*3.5"HDD** (4 SATA of 3.5"HDD, providing 10TB capacity for each HDD, up to 40TB 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 7000 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 support up to 16*1080P or 32*720P network cameras viewing at the same time.

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.
<table>
<thead>
<tr>
<th>Model</th>
<th>MS-N7016-UH</th>
<th>MS-N7032-UH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Video/Audio Input</td>
<td>Network Video Input</td>
<td>16-CH</td>
</tr>
<tr>
<td></td>
<td>Bandwidth</td>
<td>160Mbps</td>
</tr>
<tr>
<td></td>
<td>Incoming</td>
<td>160Mbps</td>
</tr>
<tr>
<td></td>
<td>Outgoing</td>
<td>160Mbps</td>
</tr>
<tr>
<td>Video/Audio Output</td>
<td>HDMI Output</td>
<td>1-CH, Resolution: 3840x2160/60Hz, 3840x2160/30Hz, 1920x1080/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz</td>
</tr>
<tr>
<td></td>
<td></td>
<td>HDMI Supports Audio Output</td>
</tr>
<tr>
<td></td>
<td>VGA Output</td>
<td>1-CH, Resolution: 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz</td>
</tr>
<tr>
<td></td>
<td>Dual Stream</td>
<td>Support</td>
</tr>
<tr>
<td></td>
<td>Recording Resolution</td>
<td>12MP/8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/D1/VGA/CIF/QCIF</td>
</tr>
<tr>
<td></td>
<td>Synchronous Playback</td>
<td>4*(30fps @8MP), 5*(30fps @6MP), 6*(30fps @5MP), 8*(30fps @4MP), 10*(30fps @3MP), 16*(30fps @1080P), 16*(30fps @720P)</td>
</tr>
<tr>
<td>Video/Audio Compression</td>
<td>Video Compression</td>
<td>H.265*/H.265(HEVC)/H.264*</td>
</tr>
<tr>
<td></td>
<td>Audio Compression</td>
<td>G.711/AAC</td>
</tr>
<tr>
<td></td>
<td>Sample Rate</td>
<td>8KHz/16KHz</td>
</tr>
<tr>
<td></td>
<td>Synchronous Recording</td>
<td>16*5MP</td>
</tr>
<tr>
<td>Storage</td>
<td>SATA Capacity</td>
<td>Up to 10TB capacity for each HDD</td>
</tr>
<tr>
<td>Disk Array</td>
<td>Array Type</td>
<td>RAID0, RAID1, RAID5, RAID6, RAID10</td>
</tr>
<tr>
<td>Recording Management</td>
<td>Recording Type</td>
<td>Continuous, Motion Detection, Alarm, Smart Event, Event (Motion Detection, Alarm, Smart Event)</td>
</tr>
<tr>
<td></td>
<td>Snapshot</td>
<td>Manual Snapshot</td>
</tr>
<tr>
<td></td>
<td>Playback</td>
<td>Video Playback, Image Playback</td>
</tr>
<tr>
<td>Backup</td>
<td>Backup</td>
<td>Video Backup, Image Backup</td>
</tr>
<tr>
<td>External Interface</td>
<td>Network Interface</td>
<td>2*RJ45 100M/1000M</td>
</tr>
<tr>
<td></td>
<td>Serial Interface</td>
<td>1*RS-485 Series Port for PTZ</td>
</tr>
<tr>
<td></td>
<td>USB Interface</td>
<td>1<em>USB 3.0; 2</em>USB 2.0</td>
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<tr>
<td></td>
<td>Audio Input/Output</td>
<td>1<em>RCA/1</em>RCA</td>
</tr>
<tr>
<td></td>
<td>Alarm Input/Output</td>
<td>16-CH/4-CH</td>
</tr>
<tr>
<td>Compatibility</td>
<td>Advanced Function</td>
<td>ONVIF, ANR, N+1 Hot Spare</td>
</tr>
<tr>
<td>Video Analysis</td>
<td>Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Human Detection, People Counting, Object Left, Object Removed</td>
<td>Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Human Detection, People Counting, Object Left, Object Removed</td>
</tr>
<tr>
<td>Keyboard Control</td>
<td>Milesight Keyboard (MS-K02)</td>
<td>Milesight Keyboard (MS-K02)</td>
</tr>
<tr>
<td>Power Supply</td>
<td>AC 100V<del>240V 50Hz</del>60Hz</td>
<td>AC 100V<del>240V 50Hz</del>60Hz</td>
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<tr>
<td>Consumption</td>
<td>≤15W(Without HDD)</td>
<td>≤15W(Without HDD)</td>
</tr>
<tr>
<td>Working Conditions</td>
<td>Temperature: -10°C~55°C/ Humidity: 10%~90%</td>
<td>Temperature: -10°C~55°C/ Humidity: 10%~90%</td>
</tr>
<tr>
<td>Dimensions</td>
<td>Rack Mountable Chassis (1.5U Standard)</td>
<td>Rack Mountable Chassis (1.5U Standard)</td>
</tr>
<tr>
<td>Weight</td>
<td>4.1Kg</td>
<td>4.1Kg</td>
</tr>
<tr>
<td>Warranty</td>
<td>3/5 Years</td>
<td>3/5 Years</td>
</tr>
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</table>
4K H.265 Pro NVR 7000 Series

Interfaces


Installation of HDDs

Step1  Step2  Step3  Step4  Step5

Structure Diagrams

66.8

440

Units: mm

Naming Convention

MS-N  7  016-  UH
4*3.5" HDD  016-16-CH  4K+H.265
(032-32-CH)

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