**Milesight**

**4K H.265 PoE NVR 1000 Series**

**Datasheet**

**Key Features**

- **Powerful Decoding Capacity**: (Maximum supporting 8*1080P or 9*720P network cameras viewing at the same time.)
- **3.5" HDD**: (1 SATA of 3.5" HDD, providing 10TB hard disk storage.)
- **Exquisite Structure & Easy Installation**: (115mm*115mm*180mm sizes, exquisite design and easy to install.)
- **Revolutionary Thermal Design**: (The aluminum casing serves as a heat sink and the ventilation holes on rear and bottom panels maximize airflow and carry the heat easily.)
- **Video Content Analysis**: (With 10 detection modes, VCA greatly enhances the performance bringing comprehensive surveillance functions.)

**Plug and Play**

Milesight 9-CH Mini PoE NVR features 4 independent PoE ports. The NVR will automatically detect, configure and play the live view of the network cameras once the cable is plugged.

**4K Ultra HD**

Milesight 4K Mini NVR is a patent design 9-CH NVR which can work with all ONVIF-compliant IP cameras, supporting dual stream, and up to 4K definition.

**H.265+H.264**

Smartly figure out and switch between H.264 and H.265 automatically. It will extend the days to save recording time with H.265 than with other compressions.

**Excellent Heat Dissipation**

Ventilation holes on rear and bottom panels, an fan inside Mini PoE NVR drives airflow, offering excellent performance of cooling and ensuring great protection for components. The aluminum casing united a special panel on bottom improves the effect of heat dissipation.

www.milesight.com
<table>
<thead>
<tr>
<th><strong>Model</strong></th>
<th><strong>MS-N1009-UPT</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Video/Audio Input</strong></td>
<td></td>
</tr>
<tr>
<td>Network Video Input</td>
<td>9-CH</td>
</tr>
<tr>
<td>Bandwidth</td>
<td></td>
</tr>
<tr>
<td>Incoming</td>
<td>90Mbps</td>
</tr>
<tr>
<td>Outgoing</td>
<td>90Mbps</td>
</tr>
<tr>
<td><strong>Video/Audio Output</strong></td>
<td></td>
</tr>
<tr>
<td>HDMI Output</td>
<td></td>
</tr>
<tr>
<td>1-CH, Resolution:</td>
<td></td>
</tr>
<tr>
<td>3840x2160/30Hz,</td>
<td></td>
</tr>
<tr>
<td>1920x1080/60Hz,</td>
<td></td>
</tr>
<tr>
<td>1920x1080/50Hz,</td>
<td></td>
</tr>
<tr>
<td>1280x1024/60Hz,</td>
<td></td>
</tr>
<tr>
<td>1280x720/60Hz,</td>
<td></td>
</tr>
<tr>
<td>1024x768/60Hz,</td>
<td></td>
</tr>
<tr>
<td>HDMI Supports Audio Output</td>
<td></td>
</tr>
<tr>
<td><strong>Video/Audio Compression</strong></td>
<td></td>
</tr>
<tr>
<td>Video Compression</td>
<td>H.265+/H.265(HEVC)/H.264+</td>
</tr>
<tr>
<td>Audio Compression</td>
<td>G.711/AAC</td>
</tr>
<tr>
<td>Sample Rate</td>
<td>8KHz/16KHz</td>
</tr>
<tr>
<td>Synchronous Recording</td>
<td>9*5MP</td>
</tr>
<tr>
<td><strong>Storage</strong></td>
<td></td>
</tr>
<tr>
<td>SATA</td>
<td>1*SATA HDD(3.5”)</td>
</tr>
<tr>
<td>Capacity</td>
<td>Up to 10TB capacity for each HDD</td>
</tr>
<tr>
<td><strong>Recording Management</strong></td>
<td></td>
</tr>
<tr>
<td>Recording Type</td>
<td>Continuous, Motion Detection, Smart Event, Event (Motion Detection, Smart Event)</td>
</tr>
<tr>
<td>Snapshot</td>
<td>Manual Snapshot</td>
</tr>
<tr>
<td>Playback</td>
<td>Video Playback, Image Playback</td>
</tr>
<tr>
<td><strong>Backup</strong></td>
<td></td>
</tr>
<tr>
<td>Backup</td>
<td>Video Backup, Image Backup</td>
</tr>
<tr>
<td><strong>Network</strong></td>
<td></td>
</tr>
<tr>
<td>Protocol</td>
<td>IPv4/IPv6, TCP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, NTP, SNTP, SMTP, SNMP, UPnP, NFS</td>
</tr>
<tr>
<td><strong>External Interface</strong></td>
<td></td>
</tr>
<tr>
<td>Network Interface</td>
<td>1*RJ45 100M/1000M</td>
</tr>
<tr>
<td>USB Interface</td>
<td>2*USB 2.0</td>
</tr>
<tr>
<td><strong>PoE Interface</strong></td>
<td></td>
</tr>
<tr>
<td>Interface</td>
<td>4*RJ45 10M/100M</td>
</tr>
<tr>
<td>Power Output</td>
<td>≤40W</td>
</tr>
<tr>
<td>Supported Standard</td>
<td>IEEE 802.3af/at</td>
</tr>
<tr>
<td><strong>Compatibility</strong></td>
<td></td>
</tr>
<tr>
<td>ONVIF</td>
<td></td>
</tr>
<tr>
<td>Video Analysis</td>
<td>Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Human Detection, People Counting</td>
</tr>
<tr>
<td>Keyboard Control</td>
<td>Milesight Keyboard (MS-K02)</td>
</tr>
<tr>
<td>Power Supply</td>
<td>DC 48V 1.25A</td>
</tr>
<tr>
<td>Consumption</td>
<td>≤6W(Without HDD, without enabling PoE )</td>
</tr>
<tr>
<td>Working Conditions</td>
<td>Temperature: -10°C~55°C/Humidity: 10%~90%</td>
</tr>
<tr>
<td>Dimensions</td>
<td>115mm(W)X115mm(D)X180mm(H)</td>
</tr>
<tr>
<td>Weight</td>
<td>1.5Kg</td>
</tr>
<tr>
<td>Warranty</td>
<td>3/5 Years</td>
</tr>
</tbody>
</table>
4K H.265 PoE NVR 1000 Series

Interfaces


Structure Diagrams

Units: mm

Naming Convention

MS-N  009- UPT /S
1 1*3.5"HDD  009-9-CH  4K+PoE+H.265  Silver/Black

Milesight Technology Co., Ltd.  www.milesight.com
Contact Us: sales@milesight.com  support@milesight.com
Add: 220 NE 51st Street, Oakland Park, Florida 33334, USA
Tel: +1-800-561-0485  
Add: 925, Anyang SK V1 Center, LS -ro 116beon-gil, Dongan-gu, Anyang-si, Korea
Tel: +82-31-990-7772  
Add: No.23 Wanghai Road, 2nd Software Park, Xiamen, China
Tel: +86-592-5922772