Overview

The DS-9100HDI-S embedded network DVR combining the latest in advanced H.264 technologies delivering rock solid reliability and high performance. It delivers up to 4CIF resolution available in 4, 8 or 16 channel.

Model #

- DS-9104HDI-S - 4 Channel
- DS-9108HDI-S - 8 Channel
- DS-9116HDI-S - 16 Channel

Standard Features

- H.264 video compression
- 4, 8 or 16 channel analog video & audio input
- Each channel supports dual stream: main stream supports up to 4CIF, sub stream supports up to CIF
- Up to 16ch synchronous playback
- Independent video encoding parameters
- Up to 4 SATA HDD at 2TB each w/ DVD bracket
- S.M.A.R.T. technology
- HDD standby function
- Supports DDNS
- E-mail alert configuration
- Easy USB backup
- Remote viewing through IE browser or client software
- Pentaplex operations enables simultaneous recording, live view, playback, back-up and network operations
Advanced Features

- NEW user friendly, icon driven GUI software
- Advanced motion detection, privacy mask, tampering and video loss alerts
- Pre/Post-recording of alarm and motion detected events
- Full system logging including operation, alarm and exception
- Video & audio synchronized compression
- HDD S.M.A.R.T. technology
- Digital zoom in live view and playback
- PTZ preset, pattern and patrol control
- Supports NTP (Network Time Protocol) and SADP (Search Activated Device Protocol)
- Supports front panel, mouse, IR remote, and keyboard
- Video file lock option
- Upload of alarm events to remote management host
- High resolution VGA display
- 1 audio input for each video input
- Supports Blackberry, iPhone, and Windows Mobile 5.0+

Specifications

Video & Audio Input

- **Video Compression**: H.264
- **Video Input**: 4, 8 or 16 BNC Analog (1.0 Vp-p, 75 Ω)
- **Audio Compression**: OggVorbis
- **Audio Input**: 4, 8 or 16 Ch, BNC (2.0 Vp-p, 1 kΩ)
- **Voice Talk Input**: 2 Ch, BNC (2.0 Vp-p, 1 kΩ)

Video & Audio Output

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display</td>
<td>704x480</td>
</tr>
<tr>
<td>VGA Output</td>
<td>Up to 1280x1024 (60 Hz)</td>
</tr>
<tr>
<td>Recording Resolution</td>
<td>4CIF/2CIF/QCIF</td>
</tr>
<tr>
<td>Video Output</td>
<td>BNC (1.0 Vp-p, 75 Ω)</td>
</tr>
<tr>
<td>Recording/Playback</td>
<td>4CIF@15 fps, 2CIF@30 fps, all channel playback</td>
</tr>
<tr>
<td>Video Bitrate</td>
<td>32 kbps-2048 kbps</td>
</tr>
<tr>
<td>Audio Output</td>
<td>BNC (Linear Electric Level, 600 Ω)</td>
</tr>
<tr>
<td>Audio Bitrate</td>
<td>16 kbps</td>
</tr>
</tbody>
</table>

External Interface

<table>
<thead>
<tr>
<th>Interface</th>
<th>Specification</th>
</tr>
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<tbody>
<tr>
<td>Network Interface</td>
<td>1x RJ45 10M/100M/1000M Ethernet</td>
</tr>
<tr>
<td>Serial Interface</td>
<td>1x RS-232, 1x RS-485 (PTZ), 1x RS-485 (Keyboard Interface)</td>
</tr>
<tr>
<td>USB Interface</td>
<td>3x USB 2.0</td>
</tr>
<tr>
<td>Alarm Input</td>
<td>Up to 16 (terminal block)</td>
</tr>
<tr>
<td>Alarm Output</td>
<td>4 (terminal block)</td>
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</tbody>
</table>

Power Supply

- **Power Supply**: 100-240V, 60 Hz
- **Consumption**: <50W (w/o HDD)
- **Temperature**: 14° - 131° F
- **Humidity**: 10% - 90%
- **Chassis**: 19” standard 2U
- **Size**: 17 ¾” (L) x 17 ¾” (W) x 3 ¾” (H)
- **Weight**: 17.5 lbs