**Key features**

- H.264 video compression
- Special for HD-SDI cameras
- 4-ch 1920×1080P resolution real-time recording (DS-7204HFHI-ST)
- 4-ch 1280×720P resolution real-time recording (DS-7204HFHI-SE)
- HDMI and VGA output at up to 1920×1080P resolution
- 4-ch synchronous playback
- HDD quota and group management

**Rear Panel of DS-7204HFHI-ST**

<table>
<thead>
<tr>
<th>No.</th>
<th>Feature</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>HD-SDI interface</td>
</tr>
<tr>
<td>2.</td>
<td>Audio in</td>
</tr>
<tr>
<td>3.</td>
<td>Audio out</td>
</tr>
<tr>
<td>4.</td>
<td>VGA Interface</td>
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<tr>
<td>5.</td>
<td>HDMI Interface</td>
</tr>
<tr>
<td>6.</td>
<td>USB Port</td>
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<tr>
<td>7.</td>
<td>Network Interface</td>
</tr>
<tr>
<td>8.</td>
<td>RS-485 Interface</td>
</tr>
<tr>
<td>9.</td>
<td>Power Input</td>
</tr>
<tr>
<td>10.</td>
<td>Power Switch</td>
</tr>
<tr>
<td>11.</td>
<td>GND</td>
</tr>
</tbody>
</table>

**Video/Audio input**

<table>
<thead>
<tr>
<th>Model</th>
<th>Video compression</th>
<th>HD-SDI video input</th>
<th>Supported HD-SDI Camera Types</th>
<th>Audio compression</th>
<th>Audio input</th>
<th>Two-way audio input</th>
<th>Video/Audio output</th>
</tr>
</thead>
<tbody>
<tr>
<td>DS-7204HFHI-ST</td>
<td>H.264</td>
<td>4-ch, HD-SDI interface, (800mVp-p, 75Ω)</td>
<td>1080P @60, 1080P @50, 1080P @30, 1080P @25, 720P @60, 720P @50, 720P @30, 720P @25</td>
<td>G.711</td>
<td>4-ch, RCA (2.0Vp-p, 1kΩ)</td>
<td>1-ch, RCA (2.0 Vp-p, 1 KΩ), (using the 1st channel of audio input)</td>
<td>HDMI / VGA output: 1920 × 1080 /60Hz (1080P), 1280 × 1024 /60Hz, 1280 × 720 /60Hz, 1280 × 720 /60Hz, 1024 × 768 /60Hz</td>
</tr>
<tr>
<td>DS-7204HFHI-SE</td>
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<td></td>
<td></td>
<td>Encoding resolution: Main stream: 1920 × 1080 (1080P) / 1280 × 720 / VGA / 4CIF / CIF, Sub-stream: CIF / QCIF / OVGA</td>
</tr>
</tbody>
</table>

**Video bit rate**: 32 Kbps-16 Mbps

**Audio bit rate**: 64 Kbps

**Dual stream**: Support

**Stream type**: Video / Video & Audio

**Synchronous playback**: 4-ch

**Playback resolution**: 1920 × 1080 (1080P) / 1280 × 720 / VGA / 4CIF / CIF

**Hard disk**: 2 SATA interfaces, Up to 4TB capacity for each disk

**Capacity**: 1 SATA interface

**External interface**

<table>
<thead>
<tr>
<th>Model</th>
<th>Network interface</th>
<th>Serial interface</th>
<th>USB interface</th>
<th>Alarm in / out</th>
<th>General</th>
</tr>
</thead>
<tbody>
<tr>
<td>DS-7204HFHI-ST</td>
<td>1: 10M / 100M / 1000M self-adaptive Ethernet interface</td>
<td>1: standard RS-485 serial interface, half-duplex</td>
<td>2 x USB2.0</td>
<td>4 / 1 (optional)</td>
<td>Power supply: 12V DC</td>
</tr>
<tr>
<td>DS-7204HFHI-SE</td>
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<td>Consumption: Max. 15 W</td>
</tr>
</tbody>
</table>

**Working temperature**: -10 ºC ~ +55 ºC (14 ºF ~ 131 ºF)

**Working humidity**: 10% ~ 90%

**Chassis**: 19-inch rack-mounted 1U chassis

**Dimensions (W × D × H)**: 445 × 290 × 45 mm (17.5 × 11.4 × 1.8 inch)

**Weight**: 4 kg / 8.8lb (without hard disk), 2 kg / 4.4lb (without hard disk)