Provides HDMI (adaptable to DVI-D) and BNC output interfaces.

- Up to 4K (3840 x 2160@30Hz) via HDMI output interfaces (only for odd interface).


- PS, RTP, TS, ES, HIK encapsulation formats.

- Three encoding levels: baseline, main, and high-profile.


- Two decoding modes: active decoding and passive decoding.

- Remote video files' decoding output.

- Provides DVI input interface.

- Supports window opening, window roaming and window split.

- Supports multi-screen control with PC installed with RSC server.

- Gets stream and decodes via URL and RTSP from encoding devices.

- Displays the decoded video stream on the video wall by directly linking cameras or by stream media forwarding.

- You can configure what the video wall shows when decoding ends and streaming fails via the Web browser and client software.

- Configurable LED width and height parameters when the LED is connected.

- Regular and irregular virtual screen configurable to display multiple signal sources and get rid of the restriction of physical screen.

- Accessible by 2.4 MP DeepinView camera.

- Accessible by thermal network camera and you can view the temperature measurement, dynamic fire source detection, ship detection and VCA information in live view and playback.

- You can enable or disable the smart information for the thermal network camera.

- Port aggregation technology (Ethernet Channel).
### Specification

<table>
<thead>
<tr>
<th>Model</th>
<th>DS-6904UDI(B)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Input</strong></td>
<td>HDMI, DVI-I</td>
</tr>
<tr>
<td><strong>Input Resolution</strong></td>
<td>4K: 3840 × 2160@30 Hz (only for HDMI), 1080p: 1920 × 1080@50/60 Hz, 720p: 1280 × 720@50 Hz/60 Hz</td>
</tr>
<tr>
<td><strong>Output</strong></td>
<td>HDMI × 4, BNC × 2</td>
</tr>
<tr>
<td><strong>Output Resolution</strong></td>
<td>HDMI: 4K: 3840 × 2160@30 Hz (only for odd interface), 1080p: 1920 × 1080@50/60 Hz, 720p: 1280 × 720@50 Hz/60 Hz, BNC: PAL: 704 × 576, NTSC: 704 × 480</td>
</tr>
<tr>
<td><strong>Decoding Resolution</strong></td>
<td>Up to 24MP (only for 3 encoder tracks mode)</td>
</tr>
<tr>
<td><strong>Decoding Channel</strong></td>
<td>72-ch</td>
</tr>
<tr>
<td><strong>Decoding Capability</strong></td>
<td>24MP@30fps: 2-ch, 12MP@20fps: 4-ch, 8MP@30fps: 8-ch, 5MP@30fps: 12-ch, 3MP@30fps: 20-ch, 1080p: 36-ch, 720p: 72-ch</td>
</tr>
<tr>
<td><strong>Split Screen</strong></td>
<td>1/2/4/6/8/9/12/16/25/36</td>
</tr>
<tr>
<td><strong>Network Interface</strong></td>
<td>RJ45 interface × 1, 10/100/1000 Mbps adaptive, Optic interface × 1, 100 base-FX/1000 base-X, An RJ45 interface and an optic interface form a combo.</td>
</tr>
<tr>
<td><strong>Serial Interface</strong></td>
<td>RS-232 (RJ45) × 1, RS-485 × 1</td>
</tr>
<tr>
<td><strong>Two-way Audio Out</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Two-way Audio In</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Alarm In</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Audio Output</strong></td>
<td>4</td>
</tr>
<tr>
<td><strong>Alarm Out</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Power Supply</strong></td>
<td>100 to 240 VAC</td>
</tr>
<tr>
<td><strong>Power Consumption</strong></td>
<td>≤ 70 W</td>
</tr>
<tr>
<td><strong>Dimensions(W × D × H)</strong></td>
<td>440 mm × 320.8 mm × 44.5 mm (17.32 inch × 12.63 inch × 1.75 inch)</td>
</tr>
<tr>
<td><strong>Working Temperature</strong></td>
<td>-10 °C to 55 °C (14 °F to 131 °F)</td>
</tr>
<tr>
<td><strong>Working Humidity</strong></td>
<td>10% to 90%</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>≤ 5.2 kg (11.46 lb)</td>
</tr>
</tbody>
</table>

### Available Model

DS-6904UDI(B)
## Physical Interface

<table>
<thead>
<tr>
<th>Front Panel</th>
<th>Description</th>
<th>Rear Panel</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HDMI IN</td>
<td>HDMI input indicator</td>
<td>LINE OUT</td>
<td>Audio output interface</td>
</tr>
<tr>
<td>DVI IN</td>
<td>DVI input indicator</td>
<td>HDMI OUT</td>
<td>HDMI video output interface</td>
</tr>
<tr>
<td>POWER</td>
<td>Power indicator</td>
<td>CVBS</td>
<td>CVBS video output interface</td>
</tr>
<tr>
<td>CONSOLE</td>
<td>Debugging interface</td>
<td>DVI IN</td>
<td>DVI Input interface</td>
</tr>
<tr>
<td>RS-232/485</td>
<td>Connect to RS-232/485 devices, e.g., PC etc.</td>
<td>HDMI IN</td>
<td>HDMI Input interface</td>
</tr>
<tr>
<td>LAN</td>
<td>10/100/1000 Mbps Ethernet interface</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>USB</td>
<td>USB 2.0 interface</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>OPT</td>
<td>10/100/1000 Mbps optical interface</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>OPT ACT</td>
<td>Optical interface indicator</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>
- Dimension

440 mm (17.32")

320.8 mm (12.63")

44.5 mm (1.75")

Distributed by

Headquarters
No.555 Qianao Road, Binjiang District,
Hangzhou 310851, China
T +86-571-8887-5998
overseasbusiness@hikvision.com

Hikvision USA
T +1-909-885-0460
sales.usa@hikvision.com

Hikvision Australia
T +61-2-9859-4233
salesau@hikvision.com

Hikvision India
T +91-22-29469000
sales@pramahikvision.com

Hikvision Canada
T +1-866-209-8690
sales.canada@hikvision.com

Hikvision Thailand
T +662-275-9940
sales.thailand@hikvision.com

Hikvision Europe
T +31-23-5546270
sales.eu@hikvision.com

Hikvision Italy
T +39-0426-6800
info.it@hikvision.com

Hikvision Brazil
T +55 11 3318-0050
Latam.support1@hikvision.com

Hikvision Turkey
T +90 210521 7070-7074
sales.tr@hikvision.com

Hikvision Malaysia
T +601-7055-2413
sales.my@hikvision.com

Hikvision UK & Ireland
T +44 203 260 2468
sales.uk@hikvision.com

Hikvision South Africa
T +27 110 0351172
sales.africa@hikvision.com

Hikvision France
T +33 618 336 460
info.fr@hikvision.com

Hikvision Kazakhstan
T +7 727-9730667
nikba.panfilov@hikvision.ru

Hikvision Vietnam
T +84-974170868
sales.vt@hikvision.com

Hikvision UAE
T +971-4-4432090
salesme@hikvision.com

Hikvision Singapore
T +65-6684-4718
sg@hikvision.com

Hikvision Spain
T +34-91-737-16-55
info.es@hikvision.com

Hikvision Tajikistan
T +99-87-1238-9438
uzbo@hikvision.ru

Hikvision Hong Kong
T +852-2151-1701
info.hk@hikvision.com

Hikvision Russia
T +7-495-669-87-99
saleru@hikvision.com

Hikvision Korea
T +82-1801-731-8817
sales.korea@hikvision.com

Hikvision Poland
T +48-25-462-61-50
info.pl@hikvision.com

Hikvision Indonesia
T +62-21-2933759
Sales.indonesia@hikvision.com

Hikvision Colombia
sales.colombia@hikvision.com

© Hikvision Digital Technology Co., Ltd. 2020 | Data subject to change without notice |