Communicate, collaborate and educate effectively with the next generation in interactive panels.

Nexus Connect
Key Features

- 75” and 86” 16:9 interactive flat panel
- 40 Point Touch
- Seamless integration with Hall Technologies accessories and cables
- Android 13, Windows 10, OPS (optional)
- Processing speed 1.8GHz
- 2 x 15W loudspeakers

Connectivity

- 3 HDMI
- 3 USB 3.0
- 1 USB 2.0
- 1 USB C
- RS232
- 3.5mm audio in and out
- SPDIF - Output
- VGA
- 2 x RJ 45

Hall Vision Solution

Hall Vision uses best in class display technology, coupled with Android 13 and Windows 10 operating systems to deliver advanced features and unparalleled performance. With more touch points than any other screen in its class and innovations such as automatic palm recognition for erasing. Hall Vision includes the widest selection of wired and wireless connections so anyone can connect.

What makes us different
Introducing Hall Nexus Connect, a family of products designed to seamlessly connect AV systems together. This expanding range offers user-friendly solutions that ensure hassle-free integration and optimal performance.

Whether it’s Odyssey, Calipso, Voyager, or other Nexus Connect compatible products, you can trust that they work together flawlessly to deliver a seamless AV experience every time.

**TECHNOLOGY ROOM KIT**

The technology room kit gives you comprehensive AV connectivity.

Connect audio and video locally and via the remote panel up to 330ft away on a single cat-6a cable. Combine with the wall remote for complete, simple control of your AV system.

With 4x 4K video inputs, video scaler, audio processing, 2 x 20W amplifier you have everything you need with easy configuration from the web UI.

**CALIPSO**

Collaboration video bar

Featuring a 4K AI wide angle camera, microphones and loudspeakers, Calipso offers an extensive range of wired and wireless presentation connectivity, including AirPlay™, Miracast™, Smart View™, HDMI and USB-C.

Combine with the Hall Technologies Voyager USB-C Dongle to wirelessly connect laptops with no software or cable.

**VOYAGER**

USB-C wireless collaboration dongle

Just connect Voyager to your USB-C equipped laptop and start sharing. No software, drivers or fuss. Connect seamlessly with the Hall Technologies Calipso collaboration video bar. Sharing content has never been easier.

**HT-SATELLITE-EXT**

Extension Microphone for the Calipso Video Bar

Extend the audio capabilities of your Calipso Video Bar with up to three extension microphones to cover larger rooms.

**ODYSSEY**

Conference Speakerphone with Video Presentation and BYOD

Odyssey is more than just a speaker phone. Connect your laptop using USB-C or HDMI and the built in video extender connects to video switchers and displays up to 40m away. With 360° audio pick up and a powerful 10W loudspeaker, meetings of up to 10 people are covered.

Our Hall Vision compatible audio products deliver a premium audio experience ensuring all participants feel like they are talking face-to-face.

- **AEC** - Acoustic Echo Cancellation
- **AGC** - Automatic Gain Control
- **ANS** - Automatic Noise Suppression
- **Full duplex communication**
### Specifications

<table>
<thead>
<tr>
<th></th>
<th>HT-HV75-IFP</th>
<th>HT-HV86-IFP</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Display</strong></td>
<td>75&quot; D-LED Backlight</td>
<td>86&quot; D-LED Backlight</td>
</tr>
<tr>
<td><strong>Response time</strong></td>
<td>8 ms</td>
<td></td>
</tr>
<tr>
<td><strong>Aspect Ratio</strong></td>
<td>16:9</td>
<td></td>
</tr>
<tr>
<td><strong>Display area (H x V)</strong></td>
<td>64.95&quot; x 36.53&quot; (1649.664mm x 927.936mm)</td>
<td>74.6&quot; x 41.97&quot; (1895.04mm x 1065.96mm)</td>
</tr>
<tr>
<td><strong>Resolution</strong></td>
<td>3840 x 2160</td>
<td></td>
</tr>
<tr>
<td><strong>Refresh Frequency</strong></td>
<td>60Hz</td>
<td></td>
</tr>
<tr>
<td><strong>NTSC</strong></td>
<td>72%</td>
<td></td>
</tr>
<tr>
<td><strong>Contrast Ratio</strong></td>
<td>1200:1</td>
<td></td>
</tr>
<tr>
<td><strong>Viewing Angle</strong></td>
<td>Horizontal: 178° / Vertical 178°</td>
<td></td>
</tr>
<tr>
<td><strong>Brightness with Glass</strong></td>
<td>400 cd/m²</td>
<td></td>
</tr>
<tr>
<td><strong>Lifetime</strong></td>
<td>≥ 30,000 hours</td>
<td></td>
</tr>
</tbody>
</table>

**Operating System**
- **CPU**: A55*4 (1.8 GHz)
- **GPU**: G52 2EE MC1@550MHz
- **RAM**: 4G DDR
- **Storage**: 16G EMMC
- **SD Card Expansion**: 128GB Max

**Touch System**
- **Sensor Type**: Infrared Touch
- **Touch Tool**: Passive Infrared Pen
- **Touch Points**: 40-point Touch
- **Touch Response Time**: ≤8ms

**Audio**
- **Sound Channel**: 2.0
- **Loudspeaker**: 2*15W / 8Ω

**Power**
- **Power Requirements**: 100-240V @ 50/60Hz, 3.5A / 5.5A
- **Overall Power**: 380W
- **Standby Power**: ≤0.5W

**I/O Port**
- **Video Inputs**: 2 x HDMI (Side), 1 x HDMI (Front), 1 x VGA
- **Audio Inputs**: 1 x 3.5mm Mic (Bottom), 1 x SPDIF
- **Audio Outputs**: 1 x 3.5mm Line (Bottom)
- **USB**: 1 x USB 2.0 Type-A, 2 x USB 2.0 Type-B (Host – Touch), 3 x USB 3.0 Type-A, 1 x USB 3.0 Type-C
- **LAN**: 2 x RJ45

**General**
- **Display Dimensions (L x H x D)**: 67.6" x 40.6" x 3.4" (1716.5mm x 1031.8mm x 86.9mm)
- **Box Dimensions (L x W x D)**: 73.2" x 44.3" x 7.3" (1895mm x 1169.9mm x 185mm)
- **Weight**: Net weight: 105 lbs. (47.65kg) / Gross weight: 137 lbs. (62.35kg)
- **Operating Temperature**: 32°F to 104°F (0°C to 40°C)
- **Storage Temperature**: -4°F to 140°F (-20°C to 60°C)

### Applications

**EDUCATION**

The Hall Vision Interactive screen revolutionizes education with its intuitive touch interface, immersive experience, and seamless integration. Teachers navigate, annotate, and collaborate effortlessly, while high-definition visuals and responsive touch technology enhance learning. Versatile connectivity options ensure seamless device integration. Empowering educators, it fosters engagement, creativity, critical thinking, and active participation.

**MEETING SPACES**

The Hall Vision Interactive screen revolutionises conferencing with its intuitive touch interface, high-definition display, and advanced features. It enables effortless annotation, collaboration, and engagement, enhancing productivity and fostering teamwork. Compatible with various conferencing software, it seamlessly integrates into corporate environments.
About us

Founded in 1984 Hall Technologies, is a leading provider of AV distribution and control solutions for professional AV applications. The company began as a manufacturer of video switchers and distribution amplifiers. In the early 2000s, the company shifted its focus to digital signal processing and began developing new products such as scalers, extenders, and converters. Today, we continue to innovate and develop cutting-edge AV solutions for a wide range of industries, including education, healthcare, and corporate.

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