Deliver Crowd-Pleasing 4K to Any Location

PN-UH861  PN-UH551  PN-UH701  PN-UH501  PN-UH601  PN-UH431
Commercial LCD Displays

- Dimensions commercially available connection cable for PC and other video connections.
- Supported media formats: JPEG (.jpg) for still image, MP3 for audio, MP4, TS for video.
- Brightness depends on input mode and other picture settings. Brightness level will decrease slightly over the lifetime of the equipment due to physical limitations. It is not possible to maintain a precisely constant level of brightness.
- To use the mounting bracket, use M8 screws that are 10 to 12 mm plus the thickness of the bracket.
- Thinnest part and including projecting parts.
- All other brand names and product names may be trademarks or registered trademarks of their respective owners. All screen images appearing in this brochure are simulated. Design and specifications are recommended by Sharp. In such cases, please check the temperature conditions specified by the optional equipment.

<table>
<thead>
<tr>
<th>Model Name</th>
<th>PN-UH861</th>
<th>PN-UH701</th>
<th>PN-UH601</th>
</tr>
</thead>
<tbody>
<tr>
<td>LCD Panel</td>
<td>Landscape</td>
<td>Landscape</td>
<td>Landscape</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>110.2 lbs</td>
<td>76.1 lbs</td>
<td>55.2 lbs</td>
</tr>
<tr>
<td>Weight (approx.) (display only)</td>
<td>120 V AC, 60 Hz</td>
<td>120 V AC, 60 Hz</td>
<td>120 V AC, 60 Hz</td>
</tr>
<tr>
<td>Dimensions (W × D × H) (approx.) (display only)</td>
<td>330 W</td>
<td>185 W</td>
<td>165 W</td>
</tr>
<tr>
<td>Temperature conditions when using the monitor together with the optional equipment may change without prior notice.</td>
<td>0°C to 40°C</td>
<td>0°C to 40°C</td>
<td>0°C to 40°C</td>
</tr>
</tbody>
</table>

- Requires the bundled RS-232C conversion cable. The terminal is shared with both the RS-232C and IR.
- Screen dimensions.
- Viewings Angle (H/V).
- Pixel Pitch (H × V).
- Max. Display Colors (approx.).
- Response Time: 8 ms, 9 ms, 8 ms.
- LCD (69 43/64” diagonal) LCD (60 5/64” diagonal) LCD (54 5/8” diagonal) LCD (49 1/2” diagonal) LCD (42 1/2” diagonal) LCD (37 1/16” diagonal)

SHARP
Be Original.
Commercial Monitors Offer Signage to Inform and 4K Content to Entertain

Engage, inform, and entertain your audience with a Sharp commercial LCD display. Offered in a range of sizes from 43” Class (42 ½” diagonal) to 86” Class (85 ½” diagonal), the PN-UH861/UH701/UH601/UH551/UH501/UH431 displays deliver your message with eye-catching detail at every scale. Along with 4K Ultra HD resolution, it boasts a built-in USB media player. So, even without a connected PC, you can display photos and videos with amazing realism. Belying its slimline profile, this monitor packs advanced professional features and an on-board NTSC/ATSC tuner. Whether you set it up in a retail, hospitality, or business setting, this monitor is built to make an impact.

Find the Perfect-sized Solution to Deliver Your Message in Style

Superb 4K Image Quality
With four times the pixel resolution of full HD, the PN-UH series brings out all of the color depth, detail, and clarity that the content creator intended. Videos and photos at 4K Ultra HD have subtle textures and fine details not visible at full HD. The high pixel count means there’s no need to worry about jaggies, even on the largest screen.

Choice of Screen Size
This series of monitors comes in six sizes to suit a hugely diverse range of display scenarios.

Slim Body Suits Any Location
Fit more screen in less space. The PN-UH series is streamlined for a pleasing appearance and minimal protruding parts, and with a depth of less than 4", they are all ADA compliant. The thin bezel makes for easy placement in offices, public places, stores and other commercial locations.

Built-in NTSC/ATSC Tuner
Thanks to its built-in NTSC/ATSC tuner, a PN-UH series monitor can be used not only for signage, but also for displaying broadcasts. In high-traffic areas, you could use it for signage during the day and for 4K entertainment at night.

Stylish to See, Easy to Use

Signage with Built-in Media Player
The PN-UH series can play photo slideshows and videos—all without a PC or set-top box. Since you don’t need a large playback source, installation is easy and space-efficient. A built-in USB media player lets you play 4K Ultra HD photos, full HD* videos, or music stored on a connected USB memory device. For your convenience, photos or videos can be played automatically.

Note: If you’re planning a large-scale signage installation, please consult your local authorized Sharp dealer or representative.
* PN-UH861/UH551/UH501/UH431: full HD 30p
PN-UH701/UH601: 4K 30p

A Visual Boost to Presentations
Add impact to your business presentations by connecting your PC to a PN-UH series monitor. Text, graphs, pictures, and tables can all be displayed in stunningly detailed 4K Ultra HD resolution*.

*For native 4K content.
Engage, inform, and entertain your audience with a Sharp commercial LCD display. Offered in a range of sizes from 43" Class (42 ½" diagonal) to 86" Class (85 /five.numr//eight.dnom" diagonal), the PN-UH861/UH701/UH601/UH551/UH501/UH431 displays deliver your message with eye-catching detail at every scale. Along with 4K Ultra HD resolution, it boasts a built-in USB media player. So, even without a connected PC, you can display photos and videos with amazing realism. Belying its slimline profile, this monitor packs advanced professional features and an on-board NTSC/ATSC tuner. Whether you set it up in a retail, hospitality, or business setting, this monitor is built to make an impact.

**Commercial Monitors Offer Signage to Inform and 4K Content to Entertain**

With four times the pixel resolution of full HD, the PN-UH series brings out all of the color depth, detail, and clarity that the content creator intended. Videos and photos at 4K Ultra HD have subtle textures and fine details not visible at full HD. The high pixel count means there’s no need to worry about jaggies, even on the largest screen.

**Superb 4K Image Quality**

Fit more screen in less space. The PN-UH series is streamlined for a pleasing appearance and minimal protruding parts, and with a depth of less than 4", they are all ADA compliant. The thin bezel makes for easy placement in offices, public places, stores and other commercial locations.

**Slim Body Suits Any Location**

This series of monitors comes in six sizes to suit a hugely diverse range of display scenarios.

**Choice of Screen Size**

Thanks to its built-in NTSC/ATSC tuner, a PN-UH series monitor can be used not only for signage, but also for displaying broadcasts. In high-traffic areas, you could use it for signage during the day and for 4K entertainment at night.

**Built-in NTSC/ATSC Tuner**

Find the Perfect-sized Solution to Deliver Your Message in Style

The PN-UH series can play photo slideshows and videos—all without a PC or set-top box. Since you don’t need a large playback source, installation is easy and space-efficient. A built-in USB media player lets you play 4K Ultra HD photos, full HD* videos, or music stored on a connected USB memory device. For your convenience, photos or videos can be played automatically.

Note: If you’re planning a large-scale signage installation, please consult your local authorized Sharp dealer or representative.

* PN-UH861/UH551/UH501/UH431: full HD 30p
  PN-UH701/UH601: 4K 30p

**Signage with Built-in Media Player**

Add impact to your business presentations by connecting your PC to a PN-UH series monitor. Text, graphs, pictures, and tables can all be displayed in stunningly detailed 4K Ultra HD resolution*.

*For native 4K content.

**A Visual Boost to Presentations**

**Stylish to See, Easy to Use**

Thanks to its LAN/RS-232C interface, the PN-UH series can be easily controlled and monitored from a central location via a PC. This enables you to remotely turn the monitor on or off, switch its input, or adjust the screen and settings.

Note: Functions that can be controlled via LAN/RS-232C are limited. Some systems require an individual PC to control each monitor.

**LAN/RS-232C Control**

Thanks to its LAN/RS-232C interface, the PN-UH series can be easily controlled and monitored from a central location via a PC. This enables you to remotely turn the monitor on or off, switch its input, or adjust the screen and settings.

**16/7 Operation**

The PN-UH series is designed for heavy use under tough operating conditions. This reliable and commanding monitor easily handles the daily demands of 16-hour professional applications. Even after long hours of continuous operation, it delivers a sharp, clear picture.

**Lock Function**

The LCD monitor and remote controller can be locked to prevent unwanted adjustments by people in public locations such as stores and restaurants.

**Other Key Features**

- **Fanless architecture** maintains airflow while dissipating heat, without the use of noisy, dust-creating mechanical ventilation fans. The fanless design also makes maintenance easier to perform.

- **Built-in speakers** eliminate the need for external speakers and ensure a stylishly streamlined profile.

- **3-year limited commercial warranty** plus Sharp’s best-in-class customer support service.
**Specifications**

<table>
<thead>
<tr>
<th>Model Name</th>
<th>PN-UH861</th>
<th>PN-UH701</th>
<th>PN-UH601</th>
<th>PN-UH551</th>
<th>PN-UH501</th>
<th>PN-UH431</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Installation</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LCD Panel</td>
<td>86&quot; class (85.3&quot; diagonal) LCD</td>
<td>70&quot; class (69.6&quot; diagonal) LCD</td>
<td>60&quot; class (59.1&quot; diagonal) LCD</td>
<td>55&quot; class (54.6&quot; diagonal) LCD</td>
<td>50&quot; class (49.1&quot; diagonal) LCD</td>
<td>43&quot; class (42.1&quot; diagonal) LCD</td>
</tr>
<tr>
<td>Max. Resolution</td>
<td>3,840 × 2,160 pixels</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Max. Display Colors (approx.)</td>
<td>1.07 billion colors</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pixel Pitch (H × V)</td>
<td>0.493&quot; × 0.493&quot;</td>
<td>0.40075&quot; × 0.40075&quot;</td>
<td>0.347&quot; × 0.347&quot;</td>
<td>0.315&quot; × 0.315&quot;</td>
<td>0.2854&quot; × 0.2854&quot;</td>
<td>0.2451&quot; × 0.2451&quot;</td>
</tr>
<tr>
<td>Max. Brightness*1</td>
<td>330 W</td>
<td>185 W</td>
<td>165 W</td>
<td>140 W</td>
<td>130 W</td>
<td>105 W</td>
</tr>
<tr>
<td>Contrast Ratio</td>
<td>1,200 : 1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Viewing Angle (H/V)</td>
<td>178°/178° (CR ≥ 10)</td>
<td>176°/176° (CR ≥ 10)</td>
<td>178°/178° (CR ≥ 10)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Active Screen Area (W × H)</td>
<td>74 1/4&quot; × 41 1/2&quot;)</td>
<td>60 1/2&quot; × 34 1/2&quot;)</td>
<td>52 3/4&quot; × 29 3/4&quot;)</td>
<td>47 1/4&quot; × 26 1/2&quot;)</td>
<td>43 1/4&quot; × 24 1/2&quot;)</td>
<td>37 1/2&quot; × 20 1/2&quot;)</td>
</tr>
<tr>
<td>Response Time</td>
<td>8 ms</td>
<td>9 ms</td>
<td>8 ms</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Backlight</td>
<td>LED, edge lit</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Computer Input</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Video</td>
<td>Analog RGB (0.7 Vp-p) [75Ω], HDMI™</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plug &amp; Play</td>
<td>VESA DDC2B</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Analog/Digital Tuner</td>
<td>NTSC, ATSC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Input Terminals</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Video</td>
<td>Mini D-sub 15-pin +1, HDMI +2</td>
<td>HDMI +2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Audio</td>
<td>3.5 mm-diameter mini stereo jack +1*2</td>
<td>3.5 mm-diameter mini stereo jack +1*2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Output Terminals</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Audio</td>
<td>RCA pin (L/R) +1</td>
<td>3.5 mm-diameter mini stereo jack +1*2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Input/Output Terminals</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAN</td>
<td>10Base-T/100Base-TX +1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Speaker Output</strong></td>
<td>10 W + 10 W</td>
<td>8 W + 8 W</td>
<td>7 W + 7 W</td>
<td>6 W + 6 W</td>
<td>5 W + 5 W</td>
<td>4 W + 4 W</td>
</tr>
<tr>
<td><strong>Power Supply</strong></td>
<td>120 V AC, 60 Hz</td>
<td>100 V to 240 V AC, 50 Hz</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Power Consumption</strong></td>
<td>330 W</td>
<td>185 W</td>
<td>165 W</td>
<td>140 W</td>
<td>130 W</td>
<td>105 W</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>110.2 lbs</td>
<td>76.1 lbs</td>
<td>55.2 lbs</td>
<td>33.1 lbs</td>
<td>27.6 lbs</td>
<td>19.8 lbs</td>
</tr>
</tbody>
</table>

**Dimensions**

**PN-UH861**

- **Dimensions (W × D × H) (approx.)**
- **Weight (approx.)** (display only)
- **Power Consumption**
- **Power Supply**
- **Dimensions (W × D × H) (approx.)**
- **Weight (approx.)** (display only)
- **Power Consumption**
- **Power Supply**

**PN-UH701**

- **Dimensions (W × D × H) (approx.)**
- **Weight (approx.)** (display only)
- **Power Consumption**
- **Power Supply**

**PN-UH601**

- **Dimensions (W × D × H) (approx.)**
- **Weight (approx.)** (display only)
- **Power Consumption**
- **Power Supply**

**PN-UH551**

- **Dimensions (W × D × H) (approx.)**
- **Weight (approx.)** (display only)
- **Power Consumption**
- **Power Supply**

**PN-UH501**

- **Dimensions (W × D × H) (approx.)**
- **Weight (approx.)** (display only)
- **Power Consumption**
- **Power Supply**

**PN-UH431**

- **Dimensions (W × D × H) (approx.)**
- **Weight (approx.)** (display only)
- **Power Consumption**
- **Power Supply**

**Units:** inch (mm)  
*1 Screen dimensions  
*2 Thinnest part  
*3 Including projecting parts  
*4 To use the mounting bracket, use M6 screws that are 10 to 12 mm more than the thickness of the bracket  
*5 To use the mounting bracket, use M6 screws that are 8 to 10 mm more than the thickness of the bracket  

**Trademark Information**

- The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. in the United States and other countries. All other brand names and product names may be trademarks or registered trademarks of their respective owners. All screen images appearing in this brochure are simulated. Design and specifications are subject to change without prior notice.