Surpassing Expectations—
4K Ultra HD Monitor for
Visual Quality on a Grand Scale
**A Powerful and Capable 70-Inch-Class 4K Ultra HD**

With a 70-inch-class screen and support for 4K Ultra HD (3,840 x 2,160-pixel) resolution, the PN-H701 offers the size and image quality that will make an unforgettable impact on any audience.

**Image Quality beyond Your Imagination**

Packed with state-of-the-art picture technologies, the PN-H701 is an outstanding communication platform. This 70-inch-class 4K Ultra HD monitor boasts a screen with the size and impressive super-high-resolution image quality to showcase all manner of content, from detailed text to beautifully textured graphics. With its huge and seamless screen and four times the resolution of 1080p full HD, it delivers all the detail, depth, and clarity that the content creator intended. Excelling in any indoor venue—whether in a retail, office, conference, or public setting—this is one monitor that will make an unforgettable impact on any audience.

**4K Ultra HD Reveals the Finest Details**

Despite the massive scale of the PN-H701 on-screen content is rendered in superbly detailed ultra-high definition. With movies and still images displayed at up to 4K Ultra HD, you get to see subtle textures and fine details not visible at full HD resolution. The high pixel count means there is no need to worry about jaggies, even on such a large screen.

**USB Media Player**

The PN-H701 can be set up to play slideshows of promotional or informational content without the need for a PC. A built-in USB media player allows playback of 4K Ultra HD photos*1, full HD videos, and music stored on a connected USB memory device*2. For added security, the PN-H701 comes with a USB flash drive cover to prevent theft of the data storage device. Still images can also be saved to the display’s internal memory and played from there, without using USB media. The media player’s auto play function enables images to be played automatically.

*Supported media formats: JPEG for photos; MP4, M2TS, 3GP, and MOV for videos; and WAV, WMA, AAC, and MP3 for music.

* Supports input of photos with resolution equivalent to 8K.

* Such photos are displayed at 4K.

*1 USB storage device sold separately.

**4K Upscaling and Offset Function**

The PN-H701 is equipped with an advanced upscaling engine that can transform standard full HD source content into 4K images—in real-time. When full HD content is expanded to 4K on this monitor, an offset function works to minimise blurriness and jaggies, making images much smoother than with standard upscaling.

**Thin and Lightweight**

The PN-H701 monitor owes its exceptionally thin profile to edge-lit LED backlighting. Streamlined for a pleasing appearance and minimal protruding parts, this monitor measures only 69 mm at its thickest point and weighs only 38 kg, making for easy placement in offices, public spaces, stores, and other commercial establishments. The stylishly thin profile also enables attractive wall mounting in a choice of portrait or landscape mode.
Monitor

Large and seamless screen and four times the resolution of 1080p content, from detailed text to beautifully textured graphics. With its superb high-resolution image quality to showcase all manner of content, the PN-H701 is packed with state-of-the-art picture technologies.

Professional Operation

**Choice of Installation Mode**

The PN-H701 offers a choice of landscape or portrait installation, allowing you to select the mode that best suits your display content and application. While portrait installation offers the look and impact of a poster, landscape installation puts wide images on vivid display.

**24/7 Operation**

Designed for around-the-clock use and rugged operating conditions, the PN-H701 is a reliable and commanding presence in demanding 24-hour professional applications. Even after long hours of continuous operation*, this monitor delivers a sharp, clear picture.

* Image persistence may occur when the same static image is continuously displayed for extended periods of time. Image persistence can be gradually removed by displaying a video or moving graphics.

**LAN/RS-232C Control**

Thanks to its LAN/RS-232C interface, the PN-H701 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.

**Built-In Speakers**

Built-in speakers eliminate the need for external speakers and keep the PN-H701 stylishly streamlined. The speakers emit sound from both sides of the screen, making them ideal for conveying audio information.
Specifications

Model Name | PN-H701
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Installation | Landscape / Portrait

**LCD Panel**
- Max. Resolution: 3,840 x 2,160 pixels
- Max. Display Colours (approx.): 16.77 million colours
- Pixel Pitch (H x V): 0.401 x 0.401 mm
- Max. Brightness*: 400 cd/m²
- Contrast Ratio: 3000 : 1
- Viewing Angle (H/V): 176°/176° (CR ≥ 10)
- Active Screen Area (W x H): 1,538.9 x 865.6 mm (60 9/16" x 34 1/16")
- Response Time: 6 ms (grey to grey, avg.)
- Backlight: LED, edge lit

**Computer Input**
- Video: HDMI, Analogue RGB
- Synchronisation*: Horizontal/vertical separate (TTL: positive/negative)
- Plug & Play: VESA DDC2B

**Input Terminals**
- HDMI x 4: (HDCP1.4 compatible: HDMI 1 – HDMI 3), (HDCP2.2 compatible: HDMI 4), (ARC compatible: HDMI 1), (MHL compatible: HDMI 4),
  - Mini D-sub 15-pin x 1, RS-232C x 1
  - USB x 1 (photo, video, music)*, 3.5 mm-diameter mini stereo jack x 1
- Output Terminals:
  - Digital audio output (optical) x 1, 3.5 mm-diameter mini stereo jack x 1
- Input /Output Terminals:
  - LAN: 10Base-T/100BASE-TX x 1

**Built-in Speakers**
- 10 W + 10 W

**Mounting**
- VESA (4 points), 400 mm (15 3/4") pitch, M6 screw

**Power Supply**
- 100V–240V AC, 50/60 Hz
- Power Consumption: 270 W

**Environmental**
- Operating Temperature: 0°C to 40°C
- Operating Humidity: 20% to 80% RH (no condensation)

**Dimensions (W x D x H) (approx.)**
- (display only): 1,559 x 69 x 894 mm
  - (61 3/8" x 2 11/16" x 35 3/16")

**Weight (approx.)**
- 38.0 kg (83.8 lbs)

**Main Accessories**
- Remote control unit x 1, cable clamps x 4, cable clamps (insertion type) x 2, power cord x 1, R-6 battery (AA size) x 2, CD-ROM x 1,
  - setup manual x 1, power cord clamp x 1, power cord clamp screw x 1, USB flash drive cover x 1, USB flash drive cover screw x 1,
  - horizontal sticker (logo) x 1, vertical sticker (operation panel) x 1, RS-232C conversion cable (3.5 mm-diameter mini stereo jack) x 1,
  - USB extension cable x 1

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**Dimensions**

**Input/Output Terminals**

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**Options (Sharp Digital Signage Software)**

- PN-SS01  SHARP Digital Signage Software (Stand-Alone Version)
- PN-SS02  SHARP Digital Signage Software (Network Version)
- PN-SS05  SHARP Digital Signage Software (Pro Version)
- PN-SW05  SHARP Digital Signage Software (Pro Web Server Version)
- PN-SV01  SHARP Digital Signage Software (Viewer Version)

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