

Versatile, Eye-Catching, Dynamic— The Monitor That Creates a Visual Sensation

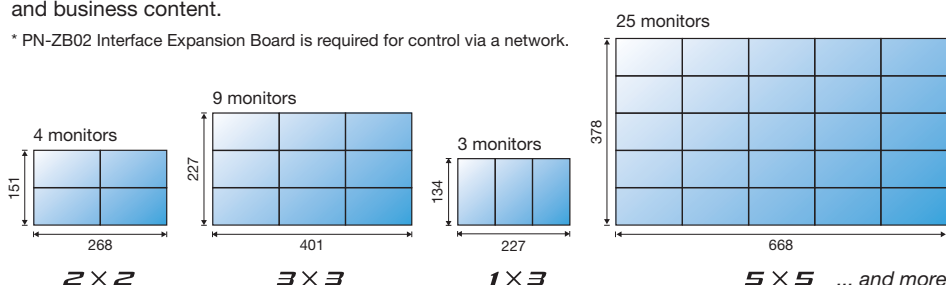


For High Visual Impact and Multi-Screen Dynamics

Sharp's PN-V600 excels in a variety of applications and settings. In public spaces, commercial establishments, and busy transportation hubs, this versatile 60-inch monitor delivers attention-grabbing digital signage. In business settings, the PN-V600 is a state-of-the-art presentation display and a tool for smooth, clear videoconferencing.

Joining multiple PN-V600 monitors together creates dynamic video walls for an expanded range of influence, wherever the setting. Easy to assemble and easily controlled via the RS-232C interface or a network*, these eye-catching video walls bring high-impact exposure to commercial and business content.

* PN-ZB02 Interface Expansion Board is required for control via a network.



Full-Array LED Backlight

To give the PN-V600 more uniform brightness than conventional CCFL* backlighting can offer, Sharp has positioned LED elements across the entire panel directly behind the liquid crystal layers, ensuring that Sharp multi-screen displays are consistently bright and beautiful.

* Cold Cathode Fluorescent Lamp

Units: cm (measurements are approximations that include the bezel width)

Ultra-Slim Bezel for High-Impact Video Walls

The PN-V600 boasts an ultra-slim bezel that makes the lines between neighbouring monitors an almost seamless 6.5 mm*¹ wide (2.4 mm right and bottom, 4.1 mm left and top)*². This enables the dynamic display of large, crisp images that catch the eye and capture the attention. In multi-screen configurations, optional **Mirror Frames** can minimise*³ the lines between PN-V600 monitors by reflecting mirror images from the display content, creating more dynamic video walls and an even smoother big-picture effect.

*1: Does not include the gap between the monitors. *2: Non-display area for neighbouring monitors is 7.1 mm. *3: Visibility of the seams between monitors will vary depending on such factors as the on-screen images and the viewing angle.

A multi-screen configuration with Mirror Frames



(Simulated images)

With Mirror Frames

Without Mirror Frames

24/7 Operation

The PN-V600 is rugged enough for continuous 24/7 operation in the most demanding professional applications.

Specifications

Model Name		PN-V600
Installation		Landscape / Portrait
LCD Panel		60-inch widescreen (152.4 cm diagonal) TFT LCD
	Max. Resolution	1,366 x 768 pixels
	Max. Display Colours (approx.)	16.77 million colours
	Pixel Pitch (H x V)	0.973 x 0.973 mm
	Max. Brightness* ¹	450 cd/m ²
	Contrast Ratio	2,400 : 1
	Viewing Angle (H/V)	176°/176° (CR ≥ 10)
	Active Screen Area (W x H)	1328.8 x 747.1 mm (52 5/8" x 29 7/16")
	Response Time	6 ms (gray to gray, avg.)
	Computer Input	Video
	Synchronisation	Horizontal/vertical separation (TTL: positive/negative) Sync-on-green, Composite sync (TTL: positive/negative)
	Plug & Play	VESA DDC2B
	Power Management	VESA DPMS, DVI DMPM
Video Colour System		NTSC (3.58 MHz, 4.43 MHz)* ² / PAL / PAL60 / SECAM
Input Terminals* ³	Standard	PC analogue: Mini D-sub 15-pin x 1, HDMI (1080p compatible) x 1* ⁴ , 3.5 mm-diameter mini stereo jack x 1, RS-232C: D-sub 9-pin x 1, Control Kit jack x 1
	Via Optional PN-ZB02 Board	PC digital: DVI-D 24-pin (HDCP compatible) x 1, PC analogue: BNC x 1* ⁵ , Video: BNC x 1, S-Video x 1, Component video: BNC (Y, Cb/Pb, Cr/Pr) x 1* ⁵ , Audio: RCA pin (L/R) x 2
Output Terminals* ³	Standard	Audio: RCA pin (L/R) x 1, RS-232C: D-sub 9-pin x 1
	Via Optional PN-ZB02 Board	PC digital: DVI-D 24-pin x 1, External speaker: 10W + 10W (6 Ω)
Input/Output Terminals* ³	Via Optional PN-ZB02 Board	LAN port (10Base-T/100Base-TX)
Mounting		VESA (6 points), 200 mm (7 7/8") pitch, M6 screw or VESA (4 points), 200 mm (7 7/8") pitch, M6 screw
Power Supply		100V – 240V AC, 50/60 Hz
Power Consumption		310 W
Environmental Conditions	Operating Temperature	0°C to 40°C
	Operating Humidity	20% to 80% RH (no condensation)
Dimensions (W x D x H) (approx.)		1,335.9 x 149.3 x 754.2 mm (52 5/8" x 5 7/8" x 29 11/16") (Display section only, not including protrusions)
Weight (not including PN-ZB02) (approx.)		41 kg (90.4 lbs)

*¹ Brightness will depend on input mode and other picture settings. Brightness level will decrease over time. Due to the nature of the equipment, it is not possible to precisely maintain a constant level of brightness. *² Requires separately sold PN-ZB02 Interface Expansion Board. *³ Use a commercially available connection cable for PC and other video connections. *⁴ For both PC and AV components. *⁵ The analogue and component BNC terminals are switchable. Use the menu to select.

DESIGN AND SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

Enlarge (Zoom) Display Mode (for up to 25 Monitors)

The Enlarge (Zoom) Display mode can spread one image from a PC across up to 25 monitors (in a 5 x 5 configuration). The Frame Width Adjustment function eliminates misalignment and boldly enhances the enlarged image on a multi-screen display.

PN-ZR01 Control Kit (option)

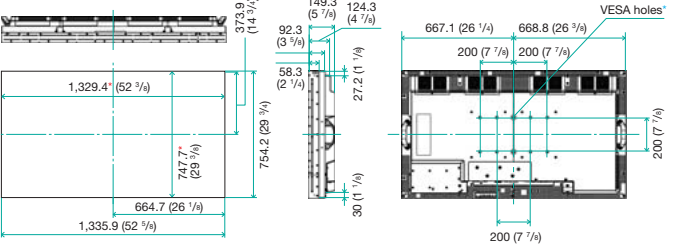
When one of the PN-V600s in a multi-screen configuration is fitted with a remote control sensor box, all of the monitors can be conveniently operated through one remote control unit. And to help with overall energy savings, a brightness sensor automatically adjusts the brightness of the backlight to match the ambient lighting.



Sharp Digital Signage Software (option)

Available in three versions—the PN-SS01 Stand-Alone Version, PN-SS02 Network Version, and PN-SV01 Viewer Version—Sharp Digital Signage Software is versatile management software that provides total support for the creation, scheduling, distribution, and display of a wide range of content for the PN-V600.

Dimensions



Units: mm (inch)
* Screen dimensions
* To use the VESA-standard mounting bracket, use M6 screws that are 8 to 10 mm plus the thickness of the bracket.

Input/Output Terminals

(standard)



PC/AV input (HDMI)

PC analogue input RGB (D-sub)

Audio input

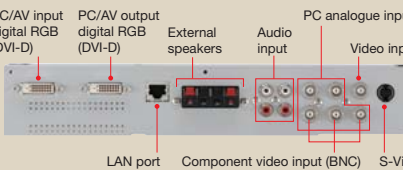
RS-232C output

RS-232C input

Control kit jack

Optional port

(option) PN-ZB02 Interface Expansion Board



PC/AV input digital RGB (DVI-D)

PC/AV output digital RGB (DVI-D)

External speakers

Audio input

PC analogue input RGB (BNC)

Video input (BNC)

LAN port

Component video input (BNC)

S-Video input

Other Options

- **PN-ZR01 : Control Kit** (remote controller and remote control sensor box)
- **PN-ZR32 : Long Mirror Frame**
- **PN-ZR33 : Short Mirror Frame**
- **PN-SS01 : Sharp Digital Signage Software (Stand-Alone Version)**
- **PN-SS02 : Sharp Digital Signage Software (Network Version)**
- **PN-SV01 : Sharp Digital Signage Software (Viewer Version)**

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