SHARP

PN-V601
LCD MONITOR

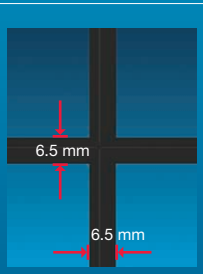
Ultra-Slim Bezel Creates New Multi-Screen World

Portrait and landscape installation

Designed for videowall applications, the PN-V601 offers an ultra-slim bezel on a 60-inch professional LCD monitor and can be used in a variety of signage and multi-screen configurations. As a flexible solution with an almost seamless bezel, the PN-V601 sets a new standard for videowall displays.

Ultra-Slim Bezel

Thanks to the ultra-slim bezel, multiple PN-V601 monitors can be joined together to flexibly create a multi-screen configuration that impressively displays large, detailed images. Decreasing the width of the bezel has made the lines between each monitor almost seamless. The width of the bezel between neighbouring monitors in a multi-screen display is just 6.5 mm*1 (2.4 mm at right and bottom, 4.1 mm at left and top).*2



Bezel width 6.5 mm

*1: Does not include the gap between the monitors
*2: Non-display area for neighbouring monitors is 7.1 mm

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

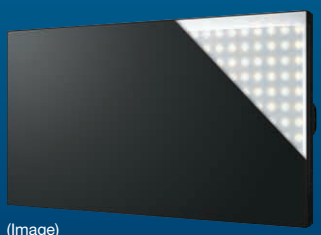
The Enlarge (Zoom) Display mode can spread one image across up to 25 monitors (in a 5 x 5 arrangement). The Frame Width Adjustment function eliminates misalignment and boldly enhances the enlarged image on a multi-screen display.


Single-monitor display　　5 x 5 (25-monitor) display

Full-Array LED Backlight

To give the PN-V601 more uniform brightness than conventional CCFL* backlighting can offer, Sharp has positioned LED elements across the entire panel directly behind the liquid crystal layers. That's why Sharp multi-screen displays achieve such beautifully uniform images.

* Cold Cathode Fluorescent Lamp


(Image)

PN-ZR01 Control Kit (sold separately)

All monitors can be operated using one remote controller when one of the monitors is fitted with a remote control sensor box. The brightness sensor automatically adjusts the brightness of the backlight to suit the ambient lighting: this contributes to overall energy savings.


Remote controller


Remote control sensor box

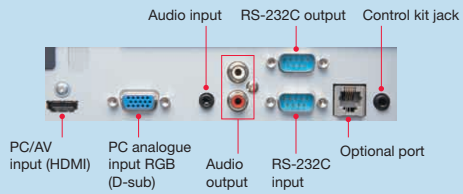
Specifications

Model Name		PN-V601
Installation		Landscape / Portrait
LCD Panel		60-inch widescreen (152.4 cm diagonal)
	Max. Resolution	1,366 x 768 pixels
	Max. Display Colours (approx.)	16.77 million colours
	Pixel Pitch	0.97275 mm
	Max. Brightness*	700 cd/m²
	Contrast Ratio	2400:1
	Viewing Angle (H/V)	176°/176° (CR ≥ 10)
	Active Screen Area (W x H)	1328.8 x 747.1 mm
	Response Time	6 ms (gray to gray, avg.)
Computer Input	Video	Analogue RGB (0.7 Vp-p) [75 Ω], Digital (conforms to DVI 1.0 standards)
	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 [NTSC-M]) / NTSC (4.43) / PAL / PAL60 / SECAM

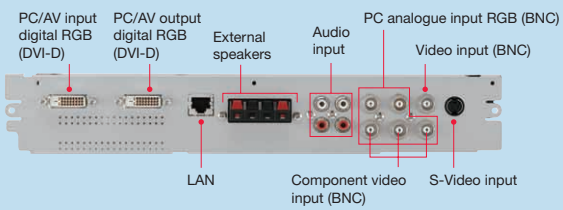
Input Terminals	Standard	PC analogue: Mini D-sub 15-pin x 1, HDMI x 1, 3.5 mm-diameter mini stereo jack x 1, RS-232C D-sub 9-pin x 1, Control Kit terminal x 1
	Via Optional PN-ZB02 Board	PC digital: DVI-D 24 pin x 1, PC analogue: BNC x 1 Video: BNC x 1, S-Video x 1, Component video: BNC (Y, Cb/Pb, Cr/Pr) x 1, Audio: RCA pin (L/R) x 2
Output Terminals	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	Via Optional PN-ZB02 Board	LAN port
Power Supply		100V – 240V AC, 50/60 Hz
Mounting		VESA (6 points), 200mm (7 7/8") pitch VESA (4 points), 200mm (7 7/8") pitch
Power Consumption		480W
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 3/4") (Display section only, not including protrusions)
Packing Dimensions (W x D x H) (approx.)		1,580 x 381 x 932 mm (62 1/4" x 15" x 36 3/4")
Weight (not including PN-ZB02) (approx.)		44 kg (96.9 lbs.)
Packing Weight (approx.)		55 kg (121.25 lbs.)

* 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.

Input/Output Terminals (standard)



PN-ZB02 Interface Expansion Board (option)



Design and specifications are subject to change without prior notice.

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