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 pitch VESA (4 points), 200mm 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 (Display section only, not including protrusions)
Packing Dimensions (W x D x H) (approx.)		1,580 x 381 x 932 mm
Weight (not including PN-ZB02) (approx.)		44 kg
Packing Weight (approx.)		55 kg (121.25 lbs.)
Main Accessories		AC power code (approx. 3m,) operation manual, CD-ROM, stand hole protection cover

* 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.

Sharp Digital Signage Software Operating Environment

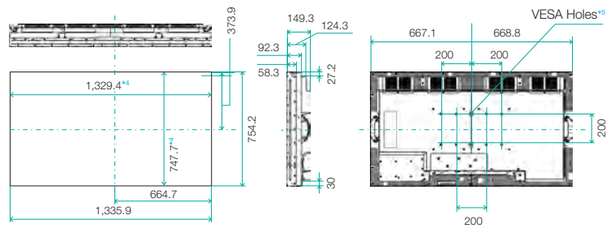
Personal Computer	CPU-Celeron® M1.3GHz or faster (Pentium® 4 processor is recommended) A high-performance CPU, such as Pentium® 4 2GHz or faster, is required for programmes that include a large volume of videos or other content*1
OS	Microsoft® Windows® XP, Microsoft® Windows Vista®, Microsoft® Windows 7, Microsoft® Windows Server® 2003/2008 (English version)
Memory	256MB or more (512MB or more is recommended)*1
Hard Disk	20MB or more of free space (required for data)
Display (PC use)*2	Full-colour display with a resolution of 1,024 x 768 or higher
Interface	USB port (only for use with USB memory), LAN port (only network versions that enable TCP/IP communications)
Miscellaneous	Microsoft® Internet Explorer® 6.0 or later, Microsoft® PowerPoint® Viewer 2003/2007, Microsoft® Windows Media® Player 9 or later*3, Adobe® Flash® Player QuickTime Player 7 or later (for playback of QuickTime content)

Sharp Digital Signage Software Supported Files

Background and Display Frames 1 to 4	MPEG, MPEG1, MPEG2, MPEG4, WMV (format for playing back on Windows Media® VIDEO - Windows Media® Player), MOV (format for playing back on QuickTime Player), Adobe® Flash® (format for playing back on Adobe® Flash® Player), PowerPoint®, HTML, JPEG, BMP, GIF, PNG
Audio	WAVE, MP3, AU, AIFF, WMA (format for playing back on Windows Media® Audio - Windows Media® Player), MIDI, MOV (format for playing back on QuickTime Player)

Depending on CPU speed, memory, and other factors, it may not be possible to use some video, subtitles, and other content.

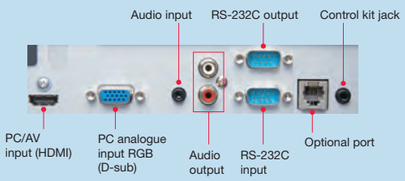
*1 This operating environment must be available when using Microsoft® Windows Vista® or Microsoft® Windows 7.
*2 For creating and editing programmes and schedules.
*3 A codec (sold separately) might be required in some cases to play back video files.



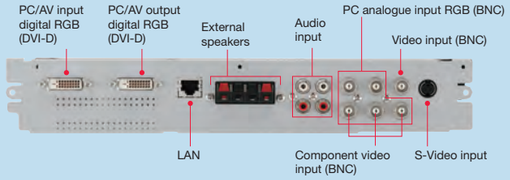
Units: mm

*4 Screen dimensions
*5 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)



PN-ZB02 Interface Expansion Board (option)



Design and specifications are subject to change without prior notice.

- The ENERGY STAR logo is a certification mark and may only be used to certify products that have been determined to meet the ENERGY STAR programme requirements. ENERGY STAR is a US registered mark. The ENERGY STAR guidelines apply to products only in the US, the EU, Japan, Canada, Australia, New Zealand, and Taiwan.

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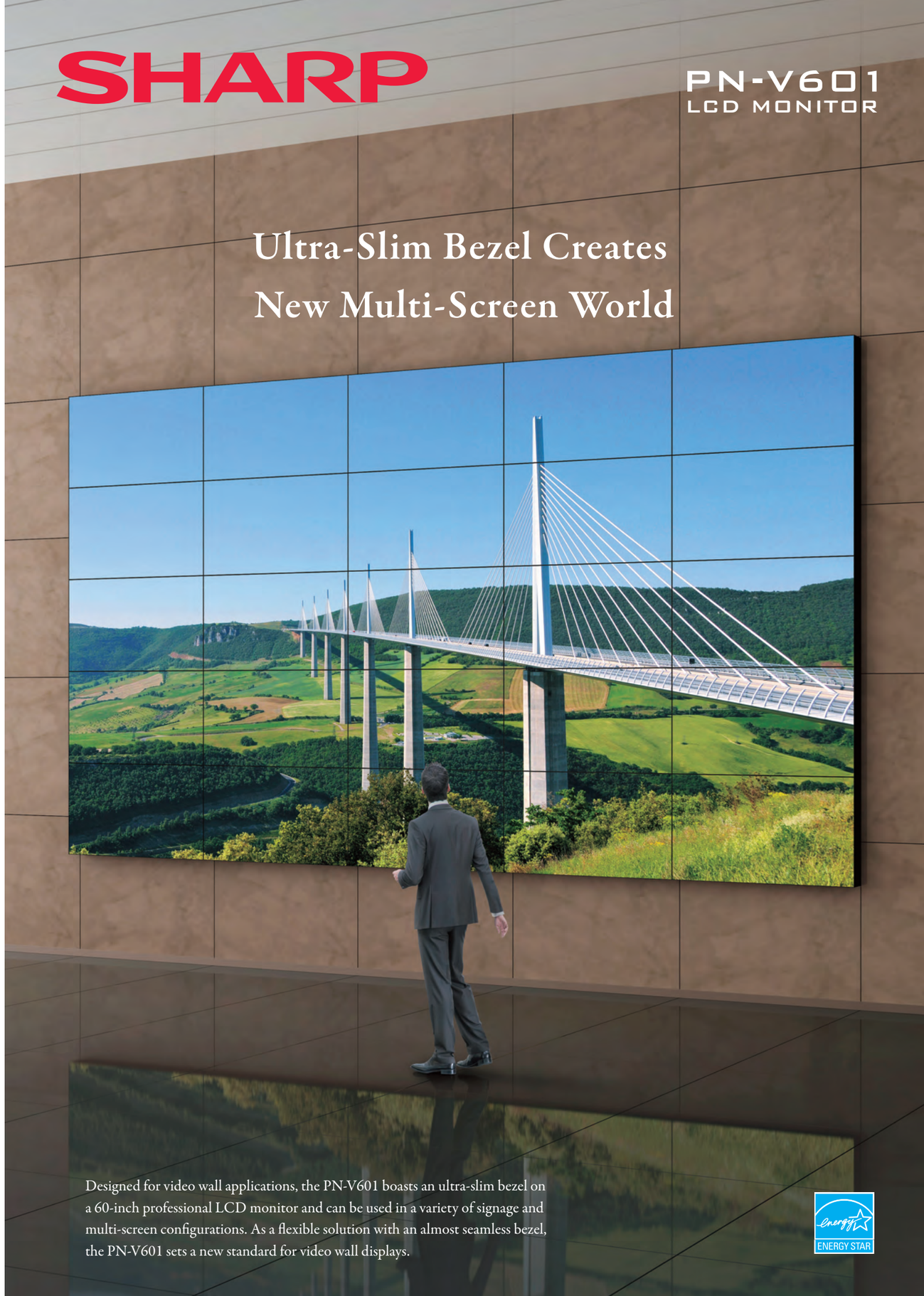
SHARP

PN-V601
LCD MONITOR

Ultra-Slim Bezel Creates New Multi-Screen World



Designed for video wall applications, the PN-V601 boasts 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 video wall displays.

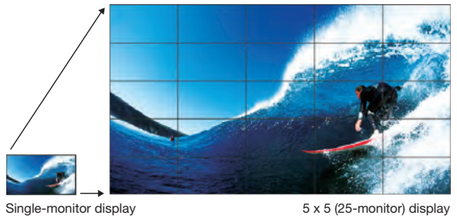
ENERGY STAR

Sharp LCD Monitor Unlocks New Possibilities

The PN-V601 is the ideal choice for a countless number of exciting, nearly seamless multi-screen configurations. This stylish monitor is an attention-grabbing and impressively sized display, bringing a multitude of digital signage possibilities to public places such as shopping malls, airports, museums, and more.

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 configuration) from a PC. 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, ensuring that Sharp multi-screen displays are bright and beautiful.

* Cold Cathode Fluorescent Lamp

(Image)

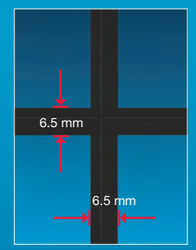
PN-ZR01 Control Kit (sold separately)

When one of the monitors 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.

Remote controller — Remote control sensor box

Multiply the Imagination

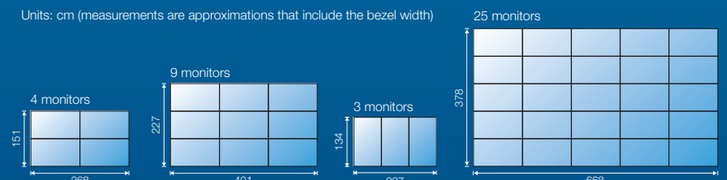
The limitations of the past are gone. Thanks to the PN-V601's ultra-slim bezel, the lines between neighbouring monitors are an almost seamless 6.5 mm*1 wide (2.4 mm right and bottom, 4.1 mm left and top).*2 This allows for the display of large, crisp, and dynamic images that will catch the eyes of many. And since these multi-screen configurations can be effortlessly set up almost anywhere space allows, the only thing left to do is tap boundless human imagination and explore all the possibilities that multi-screen configurations have to offer.



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

Create Dynamic Video Walls

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



Multiple PN-V601 monitors can be joined together to create various multi-screen configurations. You can control various configurations of these multiple video walls via RS-232C or a network.* The easy-to-control and easy-to-assemble features of this LCD monitor are exactly what are needed in order to produce a professional video wall display.

* PN-ZB02 is required when controlling the monitors via a network.

Sharp Digital Signage Software

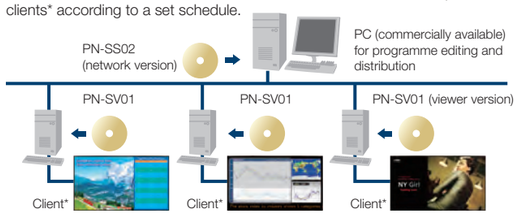
Sharp Digital Signage Software is a versatile management software package which provides total support for the creation, scheduling, distribution, and display of a wide range of programmes for Sharp LCD monitors installed in offices, commercial establishments, and public spaces.

- To facilitate programme editing, four frames for such diverse content as still images, video, HTML, and Flash can be freely arranged. Two message bars with multi-language support and a variety of fonts and backgrounds to choose from, can be displayed horizontally or vertically.
- To ensure easy setup of content schedules, Sharp Digital Signage Software features a user-friendly interface.
- To smoothly manage programme display, power and input can be remotely controlled, and displays can be remotely monitored.

For Use in Stand-Alone or Network Systems

PN-SS02 Network Version

In network systems, PN-SS02 software enables programmes to be edited and stored on a networked PC then distributed via the network to up to 100 clients* according to a set schedule.



PN-SV01 Viewer Version

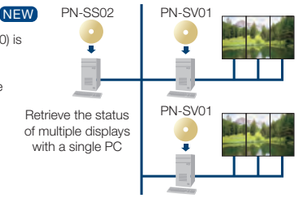
Used on the client* side, PN-SV01 viewer software allows programmes edited with PN-SS01 or PN-SS02 software to be displayed on the client's LCD monitor according to a set schedule.

Sharp Digital Signage Software Configuration

Version name	Number of software installations required
PN-SS02 network version	1
PN-SV01 viewer version	Same as the number of clients*

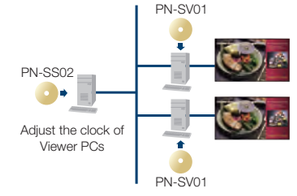
<Multiple Display Management> NEW

Sharp Digital Signage System (ver. 3.0) is able to retrieve status updates from multiple displays via a single PC, simplifying the task of managing large configurations.



<Synchronised Display> NEW

SDSS is able to synchronise the clocks on each viewer PC with the management PC at regular intervals, making it possible to start programmes on multiple displays at the same time.



PN-SS01 Stand-Alone Version

In stand-alone systems, PN-SS01 software enables programmes to be edited on a single PC for display on a single LCD monitor according to a set schedule. Programmes can be transferred to another client* via a USB flash drive.

*Each client represents a separate PC and Sharp LCD monitor.