

LCD Public Displays Ruggedized Model

GXD-L65H1

65-inch 1080 Full HD

GXD-L52H1

52-inch 1080 Full HD



GXD-L65H1



GXD-L52H1

A New Level of Robustness for 1080 Full HD Digital Signage

Sony's ruggedized models are extremely robust, durable, and reliable, extending installation opportunities to even more harsh environments.

The 65-inch* GXD-L65H1 and 52-inch* GXD-L52H1 LCD public displays adopt a professional Full HD LCD panel that offers excellent picture quality in 1920 x 1080 resolution and a high brightness of 700 cd/m² (typical, GXD-L65H1 only)**. In addition, they offer a range of features and functionality that system integrators demand.

Combining an aluminum frame bezel and an LCD protection panel made of tempered glass, these displays are extremely robust and durable. They have a unique cooling system that circulates air inside the unit and dissipates the heat generated through their advanced heat sinks. This eliminates the need for ventilation holes, which can let dust in and out, allowing the display to be installed not only in dusty locations, but also in environments where extremely clean air is required. Plus, Sony's original backlight system eliminates the common problem of a complete display failure when just a single cold cathode fluorescent lamp (CCFL) malfunctions.

With all their unique features and functionality, Sony's ruggedized professional public displays offer dynamic and brilliant Full HD digital signage in locations ranging from retail shops, shopping mall entrances, and train stations to hospitals, enterprises, schools, factories, and universities.

* Viewable area, measured diagonally.

** The brightness of 700 cd/m² (typical) is the specification for the panel and not that for the GXD-L65H1 display.

Main Features

- 1080 Full HD – High Resolution of 1920 x 1080
- 1080p Capable – Top-quality HD Images by 1080 Progressive Scan
- High-brightness Panel of 700 cd/m² (typical) – Ideal for Use in Bright Light Conditions (GXD-L65H1 only)
- DICOM-simulated Gamma – Allows for Simple Picture Viewing for Education (GXD-L65H1 only)
- Robust Aluminum Frame Bezel
- Exchangeable, Impact-resistant Front Protection Panel*
- Highly Visible Images Thanks to ARAG-coated (GXD-L65H1) or AR-coated (GXD-L52H1) Protection Panel
- Unique Cooling System
- IP54-rated Dust-resistant and Splash-proof Design (GXD-L65H1 only)
- Digital Signage Systems with a Range of Digital Signage Players**
- Intelligent Backlight System – Fail-safe Design by Advanced CCFL Control
- Portrait Mode – Mounted Vertically

* The protection panel glass offers a light transmittance of approximately 90% (GXD-L65H1) and approximately 95% (GXD-L52H1).

** Digital signage players include the VSP-NS7 set-top box model and the BKM-FW50 and BKM-FW55 slot-in models.

Other Features

- High Definition Multimedia Interface™ (HDMI™)
- DVI (HDCP) Interface
- HD-SDI Interface (optional)
- RS-232C and Control S Interfaces (optional)
- Network Port
- Option Slot
- Picture-in-Picture
- Picture-and-Picture
- Multi-display
- On/Off Timer
- Conference Mode
- Control Panel Lock
- Special Hotel Menu
- Illumination of Sony Logo
- Light Sensor
- Control and Monitoring via a Network

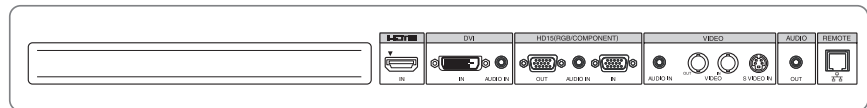
Specifications

		Ruggedized Model	
		GXD-L65H1	GXD-L52H1
Picture Performance			
LCD Panel	Panel size (diagonal)	64.5-inch*	52-inch*
	Resolution (H/V)	1920 x 1080 pixels, Full HD	
	Pixel pitch	1/32 x 1/32 inches (0.74 x 0.74 mm)	1/40 x 1/40 inches (0.6 x 0.6 mm)
	Picture size (H/V)	56 1/4 x 31 3/4 inches (1,428 x 804 mm)	45 1/2 x 25 5/8 inches (1,152 x 648 mm)
	Panel drive	RGB 10 bit	
	Contrast ratio	2500:1 (typical)	800:1 (typical)
	Brightness	700 cd/m ² (typical)	500 cd/m ² (typical)
	Viewing angle**	178° (typical)	
	Response Time	8 ms (typical)	9 ms (typical)
	Type	a-Si TFT Active Matrix LCD	
Protection Panel	Light transmittance	Approx. 90%	Approx. 95%
Acceptable signals	Refer to "Preset Video Signals" and "Preset Computer Signals"		
Color system	NTSC, PAL, PAL-M, PAL-N, NTSC4.43, PAL60		
Sampling rate	13.5 to 162 MHz	13.5 to 140 MHz	
Input and Output			
REMOTE	Network port	RJ45 (x1), 10BASE-T/100BASE-TX	
AUDIO	Audio out	Stereo mini jack (x1), 500 mV rms, high impedance	
VIDEO	S-Video in	Mini DIN 4-pin (x1)	
		Y: 1.0 Vp-p ±2 dB, sync negative, 75 Ω terminated C: 0.286 (NTSC)/0.3 (PAL) Vp-p ±2 dB, sync negative, 75 Ω terminated	
	Video in/out	BNC (x2), composite video, 1.0 Vp-p ±2 dB, sync negative, 75 Ω, loop-through (automatic termination)	
	Audio in	Stereo mini jack (x1), 500 mV rms, high impedance	
HD15 (RGB/COMPONENT)	Video in/out	D-sub 15-pin, active through (female, x2)	
DVI	Audio in	Stereo mini jack (x1), 500 mV rms, high impedance	
	DVI in	DVI Specification Rev. 1.0 compliant	
HDMI	Audio in	Stereo mini jack (x1), 500 mV rms, high impedance	
	HDMI in	HDMI (1,080p)	
SPEAKER	Speaker out (L/R)	Grip connector (x4), 7W + 7W, 6Ω	
General			
Power requirements	AC 100 to 240 V, 50/60 Hz, 5.5 A (maximum)		AC 100 to 240 V, 50/60 Hz, 4.6 A (maximum)
Power consumption	430 W (typical)/540 W (maximum)		380 W (typical)/460 W (maximum)
Operating temperature	32 to 95°F (0 to 35 °C)		
Storage temperature	14 to 104 °F (-10 to 40 °C)		
Humidity	20 to 90%, no condensation		
Dimensions (W/H/D)	Approx. 61 3/8 x 36 3/4 x 7 1/4 inches (1,557 x 931 x 183 mm) (excluding protruding parts)		Approx. 50 5/8 x 30 1/8 x 6 inches (1,281 x 764 x 152 mm) (excluding protruding parts)
Weight	Approx. 207.2 lb (94 kg)		Approx. 143 lb 4 3/4oz (65 kg)
Supplied Accessories			
		AC power cord (1), LAN Cable(1), AC plug holder (2), Remote Commander RM-FW002 (1), Size AA (R6) batteries (2), Operating instructions (1), Installation manual for dealers (1)	AC power cord (1), LAN Cable(1), AC plug holder (2), Cable holder (8), Remote Commander RM-FW002 (1), Size AA (R6) batteries (2), Operating instructions (1)
Regulation Compliance			
		IEC 60529 IP54, UL60950-1, CSA No.60950-1-03 (c-UL), FCC Class B, IC Class B, EN 60950-1 (NEMKO), CE, C-Tick	IEC 60529 IP30, UL60950-1, CSA No.60950-1-03 (c-UL), FCC Class B, IC Class B, EN 60950-1 (NEMKO), CE, C-Tick

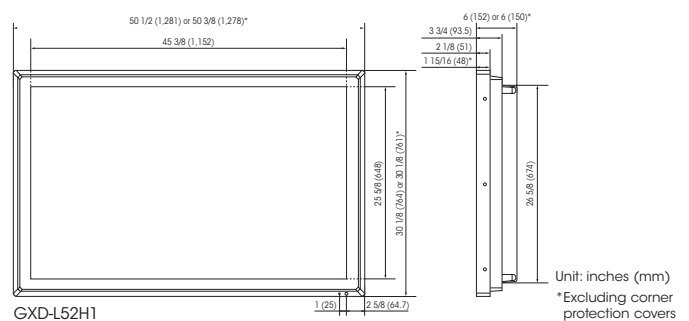
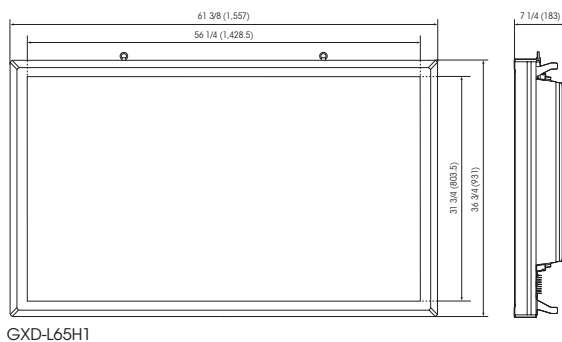
*Viewable area, measured diagonally.

**Measured at the contrast ratio more than 10:1

GXD-L65H1 and GXD-L52H1



Dimensions



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