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Eco-friendly slim bezel Full HD LCD public display.

FWD-S42E1
LCD Public Display

This stylish 42" public display combines the astounding picture quality of 1920 x 1080 Full High Definition in a slim bezel format and makes this screen the perfect choice for captivating and colourful video walls. Furthermore, this eco-friendly LCD display incorporates an innovative backlight design which has enabled this public display to deliver Full HD resolution with a power consumption of under 100W.

This LCD public display has been designed for use in a variety of applications including the retail, medical, video security and broadcast sectors.

Key Features

Full HD 1080
1080 Full HD
1080 Full High Definition refers to 1080 lines. This is the common broadcast format and 1080 Full HD replicates this exactly. All 1080 Full HD models are also HD ready but have a higher resolution of 6.2 megapixels to deliver clarity.

product
Eco-Friendly
Innovative use of backlighting has enabled this public display to deliver Full High Definition resolution with a power consumption of under 100W.

Slim Bezel – 19mm thin bezel
Our slimmest ever 19mm bezel optimises the screen area and creates sensational multiple applications like video walls and larger messaging installations.

High Contrast Ratio of 1000:1
The display offers high contrast even at high brightness, delivering the depth and richness needed for product promotions, sales installations and corporate messaging.

Range of Connectivity Options
Equipped with a RS232 input, a complete range of HD inputs (DVI, and optional HDMI and HD-SDI), compatible with the Sony BKM-FW50/55 digital signage system and next generation boards, these displays will work in virtually any application from professional broadcast and retail, to corporate, and security markets.

Other Features

Overscan on/off feature

Four picture modes
Includes vivid display with brightness boost, standard, fixed custom settings and conference mode.

Three screen saver functions
Choose from revert to standby, all white, or a scrolling sweep.

Landscape or portrait mode
Sony's unique LCD technology has overcome `gravity gap' issues, ensuring operation in landscape or portrait mode without compromising performance.

Panel

Panel size (diagonal)	42″
Resolution (H/V)	1920 x 1080 pixels, Full HD
Pixel pitch	0.48 x 0.48 mm (1/52 x 1/52 inches)
Picture size (H/V)	930 x 523 mm (36 3/4 x 20 5/8 inches)
Panel drive	RGB : 8 bit + FRC (Frame Rate Control), colour number : 1.06 billion
Contrast ratio	1000:1 (typical)
Brightness	230 cd/m² (typical) 500cd/m² (maximum)
Viewing angle	178° (typical)
Response Time	9 ms (typical)
Type	a-Si TFT Active Matrix LCD

Sampling rate

Sampling rate	13.5 to 162 MHz

Input / Output

Remote		RS232C D-sub 9-pin, Control S out Mini jack
HD15 (RGB/ Component)	Video in	D-sub 15-pin (female, x1)
	Audio in	Stereo mini jack (x1), 500 mV rms, high impedance
DVI	DVI in	DVI (x1), DVI Specification Rev. 1.0 compliant/ HDMI (available by using a DVI-to-HDMI cable)
	Audio in	Stereo mini jack (x1), 500 mV rms, high impedance
Speaker	Speaker out (L/R)	Grip connector (x4), 7W + 7W, 6 ohms

General

Power requirements	AC 100 to 240 V, 50/60 Hz, 1.6 A (maximum)
Power consumption	98 W (typical) / 160 W (maximum)
Operating temperature	0 to 40 °C (32 to 104 °F)
Storage temperature	-10 to 40 °C (14 to 104 °F)
Humidity	20 to 90%, no condensation
Dimensions (W/H/D)	973 x 566 x 125 mm (38 3/8 x 22 3/8 x 5 inches)
Mass	Approx. 25.5 Kg (56 lb 2 oz)

Regulation Compliance

Regulation Compliance	UL60950-1, CSA No.60950-1-03 (c-UL), FCC Class B, IC Class B, EN 60950-1 (NEMKO), CE, C-Tick

Optional Accessories – Boards

BKM-FW11
Components/RGB Input Adaptor (5BNC)

BKM-FW15
Double HDMI Input Adaptor

BKM-FW16
HD-SDI/SDI Input Adaptor

BKM-FW32
Network Management Board for FWD series

BKM-FW50
Digital Signage Board / Streaming Receiver Adaptor

BKM-FW55
Digital Signage Board / Streaming Receiver Adaptor

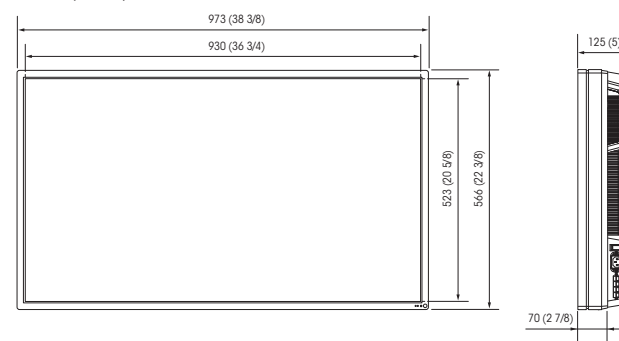## Optional Accessories – Display Stand

SU-S01
Display Stand

Optional Accessories – Speaker System

SS-SPG02
Speaker System

Dimensions

Unit: mm (inches)

973 (38 3/8)
930 (36 3/4)
125 (5)
523 (20 5/8)
566 (22 3/8)
70 (2 7/8)

eco

- Halogenated flame retardants are not used in cabinets or printed wiring boards.
- Corrugated cardboard is used for the packaging cushions.

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