

LCD Public Displays Slim-bezel Model

FWD-S47H1
47-inch 1080 Full HD

FWD-S42H1
42-inch 1080 Full HD

FWD-S42E1 New
42-inch 1080 Full HD



FWD-S47H1



FWD-S42H1
FWD-S42E1

Sophistication and Style for 1080 Full HD Digital Signage

Sony's slim-bezel models are highly sophisticated and stylish, and look good in any installation location, offering a sleeker appearance for digital signage audiences.

They provide excellent picture quality in Full HD (1920 x 1080) resolution, while also offering unique features in brightness and power consumption depending on the model. The 47-inch*¹ FWD-S47H1 and 42-inch*¹ FWD-S42H1 models feature a high brightness of 700 cd/m² (typical)*², allowing for use in bright light conditions. Alternatively, the 42-inch* FWD-S42E1 model achieves a low power consumption of 98 W (typical) in ECO mode*³, allowing for economical operation.

In addition to a range of analog interfaces, the slim-bezel models support a DVI (HDCP) digital interface as standard. The FWD-S42E1 also supports remote control interfaces such as RS-232C and Control S, and the FWD-S47H1 and FWD-S42H1 offer a network port. Furthermore, an option slot is available on all models to accept a range of optional adaptors for the versatility of the display.

Slim-bezel professional public displays from Sony contribute to brilliant and dynamic digital signage that attracts invaluable customers with impressive Full HD visuals in locations ranging from retail shops, shopping malls, cinemas, and museums to hospitals, enterprises, and schools.

*¹ Viewable area, measured diagonally.

*² The brightness of 700 cd/m² (typical) is the specification for the panel and not for the display.

*³ ECO mode is a low-brightness mode; it is used as the factory setting.

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 (FWD-S47H1/FWD-S42H1 Only)
- Economical Operation – Low Power Consumption of 98 W (Typical) in ECO Mode*³ (FWD-S42E1 Only)
- DICOM-simulated Gamma – Allows for Simple Picture Viewing for Education (FWD-S47H1/FWD-S42H1 Only)
- Highly Sophisticated and Stylish Slim-bezel Design – Ideal for Wall-mount Applications Using a Multi-display Function
- Digital Signage Systems with a Range of Digital Signage Players*⁴
- Portrait Mode – Mounted Vertically
- RS-232C and Control S Interfaces*⁵
- Network Port*⁶

*⁴ Digital signage players include the VSP-NS7 set-top box model and the BKM-FW50 and BKM-FW55 slot-in models. The VSP-NS7 cannot support the FWD-S42E1 until the upgrade of the player in winter, 2010. For more details, please contact your nearest Sony office or authorized dealer.

*⁵ Standard on the FWD-S42E1; optional for the FWD-S47H1/FWD-S42H1.

*⁶ Standard on the FWD-S47H1/FWD-S42H1; optional for the FWD-S42E1.

Other Features

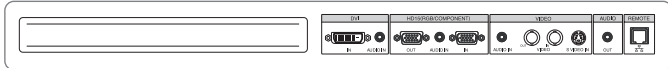
- HDMI Interface (optional)
- DVI (HDCP) Interface
- HD-SDI Interface (optional)
- Option Slot
- Picture-in-Picture (FWD-S47H1/FWD-S42H1 only)
- Picture-and-Picture (FWD-S47H1/FWD-S42H1 only)
- On/Off Timer
- Conference Mode
- Control Panel Lock
- Special Hotel Menu
- Illumination of Sony Logo (FWD-S47H1/FWD-S42H1 only)
- Control and Monitoring via a Network*⁶

Specifications

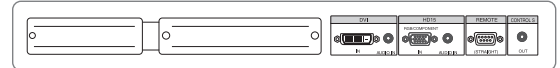
		Slim-bezel Model		
		FWD-S47H1	FWD-S42H1	FWD-S42E1
Picture Performance				
Panel	Panel size (diagonal)	47-inch*		42-inch*
	Resolution (H/V)	1920 x 1080 pixels, Full HD		
	Pixel pitch	1/46 x 1/46 inches (0.54 x 0.54 mm)	1/52 x 1/52 inches (0.48 x 0.48 mm)	
	Picture size (H/V)	41 x 23 1/8 inches (1,040 x 585 mm)	36 5/8 x 20 5/8 inches (930 x 523 mm)	
	Panel drive	RGB 8bit + FRC (Frame Rate Control), color number : 1.06 billion		
	Contrast ratio	1000:1 (typical)		
	Brightness	700 cd/m ² (typical)	500 cd/m ² (maximum)	
	Viewing angle**	178° (typical)		
	Response Time	9 ms (typical)		
	Type	a-Si TFT Active Matrix LCD		
Acceptable signals Refer to "Preset Video Signals" and "Preset Computer Signals"				
	Color system	NTSC, PAL, SECAM, PAL-M, PAL-N, NTSC4.43, PAL60		-
	Sampling rate	13.5 to 162 MHz		
Input and Output				
REMOTE	Network port	RJ45 (x1), 10BASE-T/100BASE-TX		-
	RS-232C			D-sub 9-pin (female, x1)
	Control S out			Mini jack (x1)
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	Video in/out	D-sub 15-pin (female, x2)		-
(RGB/COMPONENT)	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, 6Ω		
General				
	Power requirements	AC 100 to 240 V, 50/60 Hz, 3.3 A (maximum)	AC 100 to 240 V, 50/60 Hz, 2.9 A (maximum)	AC 100 to 240 V, 50/60 Hz, 1.6 A (maximum)
	Power consumption	240 W (typical) / 320 W (maximum)	210 W (typical) / 280 W (maximum)	98 W (typical) (in ECO mode: low-brightness mode for factory setting) / 160 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)	42 5/8 x 24 3/4 x 5 1/8 inches (1082 x 627 x 129 mm)	38 3/8 x 22 3/8 x 5 inches (973 x 566 x 125 mm)	
	Weight	67 lb 2 oz (30.5 Kg)	56 lb 2 oz (25.5 Kg)	
Supplied Accessories				
		AC power cord (1), AC plug holder (2), Cable holder (9), LAN cabler (1), Remote Commander RM-FW002 (1), Size AA (R6) batteries (2), Operating instructions (1)		AC power cord (1), AC plug holder (2), Cable holder (9), Remote Commander RM-FW002 (1), Size AA (R6) batteries (2), Operating instructions (1)
Regulation Compliance				
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 ***Audio signals are not supported.

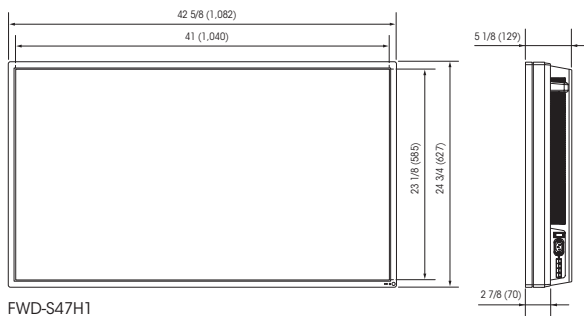
FWD-S47H1 and FWD-S42H1



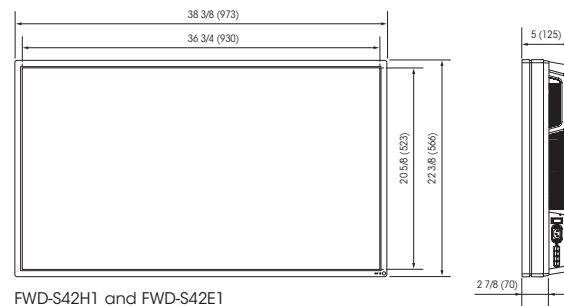
FWD-S42E1



Dimensions



FWD-S47H1



FWD-S42H1 and FWD-S42E1

Unit: inches (mm)

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