Maximise your impact with thin bezel, Full HD public displays

FWD-S47H1/FWD-S42H1
LCD public displays

SONY

Captivate your viewers,
with Full HD and so much more…

The combination of the slim bezel design and the Full HD resolution make these screens the perfect choice for captivating and colourful video walls.

The all-new **FWD-S47H1** and **FWD-S42H1** represent a new era in public display and digital signage. Numerous technological advances in addition to compelling Full HD images make these some of the most captivating displays available today.

Sharper

Full HD – sharper from every angle
The rich, vibrant Full HD images are captivating from 10 metres, and crystal clear at two metres, with a wider viewing angle perfect for retail, promotions, signage and corporate displays.

Brighter

700 cd/m2 – brighter for long-term operation
Industry-leading 700cd/m2 brightness is achieved without increased power consumption and provides fabulous definition for daytime displays and video walls.

Clearer

High contrast – clearer images, more depth
The FWD-S47H1 and FWD-S42H1 offer high contrast even at high brightness, delivering the depth and richness needed for product promotions, sales installations and corporate messaging.

Slimmer

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

Thinner

Super – thin profile for every room
The super-thin 125/129mm depth enables you to mount closer to the wall, integrating with interior design whilst minimising intrusion.

Enjoy innovative design features and a lower cost of ownership

These powerful public displays are powered by a range of innovative technology developed by Sony to maximise their performance in even the most demanding installations.

Adaptable

Landscape/portrait – more adaptable in every application
Sony's LCD technology has overcome 'gravity gap' issues sometimes seen with plasma and other manufacturer's LCD units, ensuring operation in landscape or portrait mode without compromising performance.

Robust

Built for public display – robust and slim
Our 19mm bezel has been designed to offer you maximum visibility, while providing the sturdy protection and robustness you need for reliable operation in retail leisure and corporate applications.

Durable

Longevity guaranteed – designed to be durable
These public displays use new LCD materials to avoid 'image storage' issues and to ensure perfect images in even the most demanding retail, corporate and security installations.

Environmentally friendly

Eco power consumption – more environmentally friendly
Innovative use of backlighting has enabled us to create industry-leading brightness at 700cd/m2 with a power consumption of just 210w – up to 15% less than leading competitors. Eco-mode provides further operational savings.

Connected

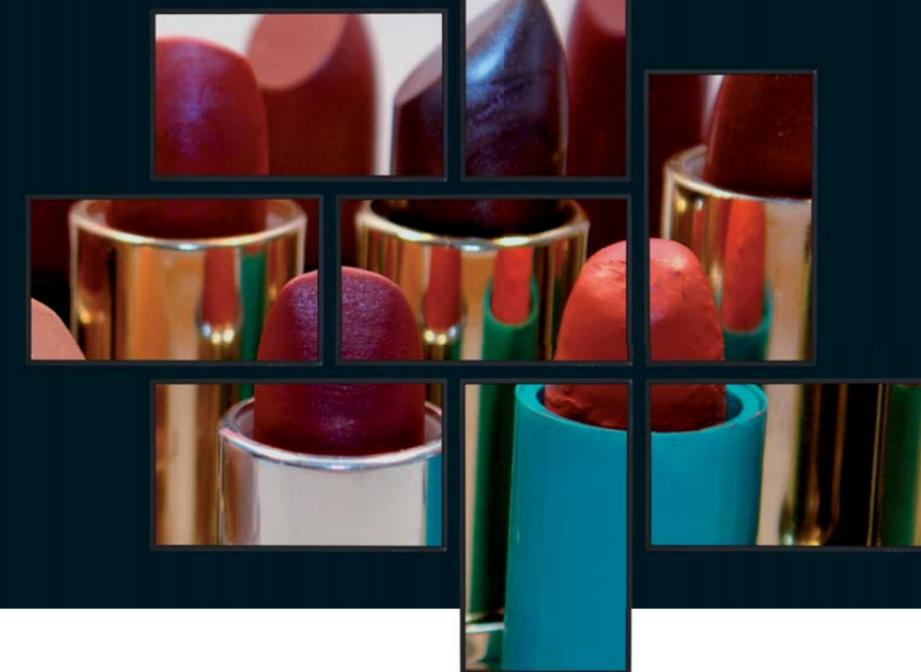**A wider choice of network options – better connected**
These screens are equipped with an RJ45 network port, a complete range of HD inputs (DVI, and optional HDMI and HD-SDI). They are also compatible with Sony's BKM-FW50 SD digital signage system and next generation boards, and with a gamma setting to DICOM standards.

These connectivity features ensure that these displays will work in virtually any application from professional broadcast and retail, to corporate, medical and security markets.

The **FWD-S47H1** and **FWD-S42H1** are packed full of special features to make them easier to use – even in specialist applications.

Versatile and easy to use, wherever you need them

Video walls and multiple messaging

Full HD, sleek thin bezel design, slim profile and overscan on/off mode enable the FWD-S47H1 and FWD-S42H1 to create the most visibly stunning video walls and the sharpest messaging systems. High contrast, high brightness promotes products and messages with outstanding impact. Network reporting ensures easy management and power efficiency delivers reduced operating costs.

Digital signage

The Full HD, high brightness, high contrast, wide angle viewing enables pin sharp messaging from distance and close-up, day or night. Compatibility with Sony's BKM-FW50 digital signage system and next generation boards, plus network management options, make these public displays ideal for strong vibrant messaging throughout offices, stadiums, airports, stations, factories and other facilities.

Retail, leisure and corporate display

Exceptional brightness and wide viewing angles combined with the incredible visual impact of Full HD images make the FWD-S47H1 and FWD-S42H1 ideal for reception areas, boardrooms, meeting rooms and conference centres. Durable design and power efficiency will reduce costs and ensure longevity, even when running 23hrs a day, 7 days a week.

Medical

With a gamma setting in accordance with the Grayscale Standard Display Function (GSDF) of the Digital Imaging and Communications in Medicine (DICOM) standards, the FWD-S47H1 and FWD-S42H1 can provide affordable medical reference viewing at a larger size and higher quality than dedicated displays. They are also perfect for videoconferencing, digital signage and meeting room displays in medical facilities.

Broadcast

With the full range of HD inputs – DVI as standard, with optional HDMI and HD-SDI, the FWD-S47H1 and FWD-S42H1 can bring Full HD high brightness, high contrast viewing to broadcast applications, ensuring production staff, clients and other interested parties enjoy a true representation of content.

Security

The clarity of Full HD with the option to reduce brightness levels creates a more productive environment for security professional viewing multiple screens. Larger screens with 'Picture and Picture' (PAP) and 'Picture in Picture' (PiP) capability enable more locations to be viewed on one screen, reducing capital outlay and increasing viewing efficiency.

Videoconferencing

The FWD-S47H1 and FWD-S42H1 are pre-fitted with screw holes to accommodate an IPELA videoconferencing camera. A single 'conference mode' setting adjusts colour to overcome 'green casts' from office lighting. 'Picture and Picture' (PAP) and 'Picture in Picture' (PiP), plus the ability to integrate with Full HD videoconferencing systems means they are a good choice if your display is to be used for video conferencing.

Touch-of-a button settings make the **FWD-S47H1** and **FWD-S42H1** easy to set up to your exact requirements.

Five picture modes
Includes vivid display with brightness boost, standard, fixed custom settings, conference mode for optimum pictures with fluorescent lights and a True Colour Control function.

Four gamma settings
Choose from high, mid, low or DICOM option for medical applications.

Three screen saver functions
Choose from revert to standby, all white, or a scrolling sweep, based on inactivity time intervals from 30 minutes to 23 hours.

Multiple display, PiP and PAP commands
Create any combination of multiple displays from one row with up to four screens, to a full four by four matrix, and set up a single command to control all of them.

Eco-setting option
Use the eco-setting to reduce what is already the lowest available power consumption/performance still further, while maintaining excellent brightness, contrast and clarity.

FWD-S42H1/FWD-S47H1 Specifications

Panel	FWD-S42H1	FWD-S47H1
Panel system	a-Si TFT Active Matrix LCD Panel	
Panel size	42″	47″
Native resolution	1920 x 1080	
Maximum resolution	1920 x 1200	
Luminance	700 cd/m2	
Contrast (dark room)	1000:1	
Viewing angle (H/V)	178°/178°	
Pixel size (HxV)	0.4845 x 0.4845mm	0.5415 x 0.5415mm
Colours	1.06 billion	
Display area (HxV)	930 x 523mm	1040 x 585mm
Input connectors		
PC	RGB / Component Video (HD15), DVI-D	
Video	Composite Video (BNC), S-Video (mini-DIN4)	
Audio	(Stereo mini jack) x3	
Control	LAN (RJ45) / RS232C* / S Control*	
Output connectors		
PC	RGB / Component Video (HD15)	
Video	Composite Video (BNC)	
Audio	(Stereo mini jack) x1	
Speaker L/R	Speaker Output (L/R) 6ohms 7W+7W	
Control	–	
Video signal		
Colour system	NTSC, PAL, NTSC4.43, PAL-M, PAL60, PAL-N	
Sampling Rate	13.5MHz to 140MHz	
Power requirements		
Requirements	AC100-240V, 50/60Hz	
Consumption	248W	279W
Dimensions		
	972 x 565 x 125mm	1080 x 627 x 129mm
Shipping Dimensions	1,084 x 700 x 280mm	1,194 x 739 x 307mm
(Kg/lb)	23.0Kg	28.0Kg
Shipping Weight	30Kg	35Kg
Optional slots		
	1 (Video/Com Port)	
PIP/PAP		
PIP	Yes	
PAP	Yes	

*via option board BKM-FW21

Multi-display setup	FWD-S42H1	FWD-S47H1
Image device	2x2 / 3x3 / 4x4 1x2 / 1x3 / 1x4 2x1 / 3x1 / 4x1	
Bezel colours		
Colours available	Bluish Black	
Operating conditions		
Temperature	0°C ~ 35°C (32°F ~ 95°F)	
Humidity	20% ~ 90% (no condensation)	
Storing/Transporting conditions		
Temperature	-10°C ~ 40°C (14°F ~ 104°F)	
Humidity	20% ~ 90% (no condensation)	
Supplied accessories		
	AC Power Cord (1), AC Plug Holder (2), LAN cable (1), Remote Control RM-FW002 (1), Size AA (R6) Batteries (2), Cable Holder (8), Operationg Instructions (1)	
Optional accessories		
	Display Stand SU-S01, Speakers SS-SPG01	
Option Board		
BKM-FW50 Digital Signage Board	Yes	
BKM-FW21 Monitor Control Adaptor (RS232C straight cable) (Control S In/Out)	Yes	
BKM-FW16 HDSDI Input/ Output Adaptor (with audio)	Yes	
BKM-FW15 HDMI Input Adaptor (x2 inputs)	Yes	
BKM-FW12 Component/ RGB Active Through Board	No (Built-in)	
BKM-FW11 Component/ RGB Adaptor	Yes	
BKM-FW10 Video Input/ Output Board	No (Built-in)	
Safety regulations		
	UL 60950-1, CSA No. 60950-1-03 (c-UL), FCC Class B, IC Class B, EN 60950-1 (NEMKO), CE, C-Tick	

FWD-S42H1

FWD-S47H1

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