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# 32, 40 and 46" BRAVIA Professional Full HD LED Screens

FWD-32EX650P, FWD-40EX650P
& FWD-46EX650P Displays

**Full HD 1080**

This range of professional LED displays brings the acclaimed performance, style and affordability of the established Sony BRAVIA screen technology to business applications. These screens can truly enhance any corporate, education presentation displays and waiting area environment - bringing smart digital messaging to all.

With a wide range of sizes available: the 32 inch perfect for environments that demand sharp images in a restricted space, a remarkable 40 inch mid-sized screen and a generous 46 inch. All screens feature Edge LED backlight and a Light Sensor which automatically detects the light levels in a room and adjusts the backlight brightness to match. Thus in darker environments, the screens will use less energy and therefore reduce running costs. You can even connect to the Internet, thanks to the RJ45 connector and built-in WiFi module. They have an innovative feature - hotel mode - which enables you to customise settings and features for certain business requirements.

The models come bundled with the HDMI-RS232C converter box and a 3-year warranty for professional use.

## Key Features

**Edge LED**

**High contrast with Edge LED Backlight**
High contrast makes your screen images vibrant, and Sony achieves a dynamic contrast ratio of over 1 million with the Edge LED Backlight. This system adjusts backlight brightness according to the picture content. Compared with conventional fluorescent tube backlighting, the LEDs enable a thinner profile and higher energy efficiency, being around a third of the depth and consuming less power.

**Standard External Control Terminals**
The HDMI-RS232C converter box allows you to turn on the display, switch the input signal, adjust the volume control and more.

**Customisable display setting - Hotel Mode**
This innovative function enables you to access and customise settings and features for certain business requirements. These settings can be copied from display to display via a USB stick.

**Internet Capability - Built-in WiFi**
All models feature RJ45 input and built-in WiFi, allowing you to surf the web via the built-in browser.

**USB Playback**
For easy, entry-level signage displays, you can play videos, pictures and audio from a USB memory stick, complete with looping and adjustable interval settings.

**skype** **Skype™ Ready**
Now BRAVIA Professional owners can take advantage of free Skype-to-Skype Internet voice and video calls. Widely popular for PC-based phone calls, the Skype service is a great way to keep in touch with your colleagues at little or no cost.

**Quick Start and Viewing**
Go from 'OFF' to 'ON' 2-3 times faster than previous Sony BRAVIA Professional displays.

**Wide variety of input options**
Models can accept a wide variety of input sources, including 4 x HDMI,1 x D-Sub VGA, 1 x composite video for laptops, Blu-ray and DVD Players.

**Media Remote**
Just download the free Media Remote app (for iPhone and Android) and turn your mobile device into a versatile remote control with a full QWERTY keyboard. It makes typing searches fast and convenient.

**i-manual**
The built-in user manual which is easy to access and reduces paperwork in the box.

**Light Sensor**
The Light Sensor ensures that the brightness of your screen is adjusted to the brightness of its environment. You get a great picture, save energy and it's automatic.

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# Technical Specifications

## Dimensions

**FWD-46EX650P**



1074
649
37
251
(with stand)

with stand
stand 15°

**FWD-40EX650P**



941
575
37
231
(with stand)

with stand
stand 15°

**FWD-32EX650P**



753
507
37
219
(with stand)

with stand
stand 15°

Units: mm

| | FWD-32EX650P | FWD-40EX650P | FWD-46EX650P |
|---|---|---|---|
| **** | | | |
| Backlight Type | Edge LED | | |
| **Display Specs** | | | |
| Screen Size (measured diagonally) | 32"(31.5") | 40"(40.0") | 46"(46.0") |
| Dynamic Contrast Ratio | over 1 million | | |
| Viewing Angle (Right/Left) | 178(89/89) | | |
| Display Resolution | Full HD (1920 x 1080) | | |
| Video Processing | X-Reality™ | | |
| Motionflow | Motionflow XR 100 Hz | | |
| **Audio Specs** | | | |
| Speaker Position | Rear Facing | | |
| Audio Power Output | 10W + 10W | | |
| **Network Features** | | | |
| Skype™ | Ready | | |
| Media Remote | Yes | | |
| Internet Browser | Yes (Opera) | | |
| Wireless LAN | Integrated | | |
| **Convenience Features** | | | |
| Sleep Timer | Yes | | |
| On/Off Timer | Yes | | |
| USB Play (Contents) | MPEG1/MPEG2PS/MPEG2TS/AVCHD/MP4Part10/MP4Part2/DivX/WMV/MP3/WMA/LPCM/WAV/JPEG/MPO | | |
| **Sensing Features** | | | |
| LightSensor | Yes | | |
| **Inputs and Outputs** | | | |
| RF Connection Input(s) | 1 (Bottom) | | |
| Composite Video Input(s) | 1 (Rear Hybrid w/Component) | | |
| SCART (without Smartlink) | 1 (Rear) | | |
| HDMI™ Connection(s) (Total) | 4 (2Side/2Bottom) | | |
| Analogue Audio Input(s) for HDMI | 1 (Side Hybrid w/PC) | | |
| PC In (D-Sub) + Audio In (Stereo Mini) | 1 (D-Sub : Side, Audio IN : Side Hybrid w/HDMI) | | |
| PC Input Format Support | 640x480@60Hz, 800x600@60Hz, 1280x768@60Hz-R, 1280x768@60Hz, 1360x768@60Hz, 1024x768@60Hz, 1280x1024@60Hz, 1920x1080@60Hz | | |
| Analogue Audio Input(s) (Total) | 2 (1 Rear/1 Side) | | |
| Digital Audio Output(s) | 1 (Bottom) | | |
| Audio Out | 1 (Side/Hybrid w/HP) | | |
| Headphone Output(s) | 1 (Side/Hybrid w/Audio Out) | | |
| USB | 2 (Side) | | |
| Ethernet Connection(s) | 1 (Bottom) | | |
| HDMI™ PC Input | Yes | | |
| **General** | | | |
| Power Requirements (voltage) | AC220-240V | | |
| Power Consumption (in Operation) | Shop 85W / Home 41W | Shop 115W / Home 62W | Shop 122W / Home 63W |
| Power Consumption (in Standby) | 0.25W | | |
| Standard Compliance VESA® Hole Pitch | Approx. 200 x 200 mm | Approx. 300 x 300 mm | |
| Measurements (Approx.) (W x H x D) | 753 x 472 x 60 (46.6) mm (Display only) | 941 x 576 x 60 (4.66) mm (Display only) | 1074 x 651 x 60 (4.72) mm (Display only) |
| Weights (Approx.) | Approx. 7.8 kg (Display only) | Approx. 11.3 kg (Display only) | Approx. 14.1 kg (Display only) |
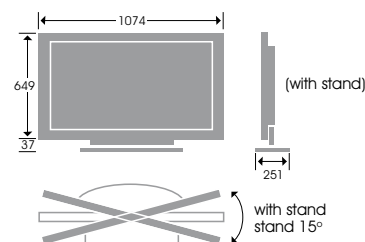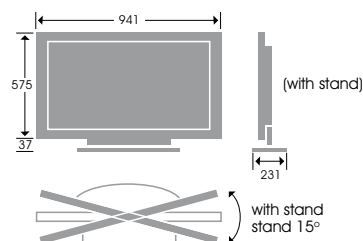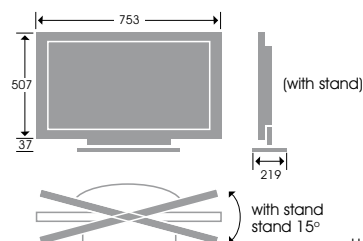
## Optional Accessories



**WBPM1-Slim**
Wall Bracket

**CMU-BR100PSE**
Built-in microphone and camera for Skype

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**About Sony Professional**

**Sony Professional** is the leading supplier of AV/IT solutions to businesses across a wide variety of sectors including, **Media and Broadcast**, **Video Security and Retail, Transport & Large Venue markets**. It delivers products, systems and applications to enable the creation, manipulation and distribution of digital audio-visual content that add value to businesses and their customers. With over 25 years' experience in delivering innovative market-leading products, **Sony Professional** is ideally placed to deliver exceptional quality and value to its customers. **Sony's Professional Services** division, its systems integration arm, offers its customers access to the expertise and local knowledge of skilled professionals across Europe. Collaborating with a network of established technology partners, Sony Professional delivers end to end solutions that address the customer's needs, integrating software and systems to achieve each organisations' individual business goals. For more information please visit **www.pro.sony.eu**

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