

## FWD-65BZ35E

65" 4K HDR Professional Display



### Overview

#### **Superior displays designed for business**

Offering advanced control, professional mode, optional interactive compatibility, 18/7 operation and an embedded HTML5 platform for easy digital signage creation: 4K Displays are designed to suit all your professional needs, so you always present a clear image.

There's all the technological performance and style you'd expect, powered by the latest X1 processor. The 4K LCD panel offers four times the pixel count of Full HD for outstanding picture quality, while the ultra-slim design enhances any corporate or retail environment.

Now featuring a range of built-in solutions to customise your Professional Display exactly the way you want. Options include Corporate Solutions, Digital Signage, Smart Automation System and the Applications Store: there's no need for any external devices or players.

### Features

#### **4K image resolution (3840 x 2160 pixels)**

Offering four times the detail of Full HD with a resolution of over 8 million pixels, 4K brings unprecedented clarity to corporate display, education and digital signage applications.

## **Easily create digital signage**

Now retailers, schools and businesses have more choice than ever to create compelling signage for every kind of space, with no prior training needed; add graphics, text, video and sound files in minutes.

## **Ultra-real 4K HDR images**

Sony's powerful new-generation 4K HDR Processor X1™ uses object-based HDR remaster and Super Bit Mapping™ 4K HDR technology, assuring ultra-real images with even more depth, texture and naturally pure colours than its predecessor.

## **More detail in bright highlights and deep shadows**

4K HDR (High Dynamic Range) reveals previously-hidden details in the brightest highlights and areas of dark shadow.

## **Greater colours with TRILUMINOS Display**

Our unique TRILUMINOS Display technology enhances your audience's viewing with a wider palette of rich, natural-looking colours.

## **Do more with the power of Android TV**

Personalise and control Professional Displays with Android TV. Download a growing range of B2B-focused apps to create a customised, even smarter display experience.

## **Easily share content with Google Cast**

Send content to view on your display from other professional and personal devices, including laptops or Android/iOS phones and tablets.

## **Energy-efficient LED Backlight**

The panel's LED backlight consumes less power than conventional fluorescent backlighting, reducing running costs and permitting an ultra-slim, discreet profile.

## **Practical features for better business**

Great for retail and public display applications: advanced controls include Professional Mode, HDMI auto wake-up and 18/7 operation.

### **Built-in HTML5 for dynamic box-free signage**

Integrated support for HTML5 makes it easy and cost effective to create your own digital signage content. Combine text, graphics and video with live web feeds and IPTV to produce compelling displays with no dedicated hardware player needed.

### **Quick set-up with Professional Mode**

Customise and store display settings and features, then copy them easily from display to display via USB flash memory.

### **Versatile remote control options**

Control remotely – including on/off, input signal select and adjust volume – over IP via RJ45 by web API or via RS-232C.

### **Add the interactive power of touch**

Turn your display into an interactive touchscreen or information kiosk. An optional screen overlay fits seamlessly onto your display, adding multi-touch capability to allow instant customer interaction. Contact your local Sony dealer for more information.

### **Slim styling and easy cable management**

Sleek, slim styling looks great in any corporate, retail or educational environment. Our convenient cable management system ensures a neat appearance without visible wires.

### **Easy, flexible integration**

The slim, stylish display offers VESA standard mounting for easy integration, and blends elegantly into a wide range of corporate, retail or educational environments.

|                  |                    |
|------------------|--------------------|
| Tuner            | DVB-T/T2           |
| Number of tuners | 1 (Digital/Analog) |

## Display features

|                |               |
|----------------|---------------|
| Dimming type   | Frame Dimming |
| Display device | LCD           |
| Backlight type | Edge LED      |

## Video specs

|                     |   |
|---------------------|---|
| Wide Mode           | Wide<br>zoom/Normal/Full/Zoom/14:9  |
| 4:3 Default         | Yes   |
| Video Processing    | 4K X-Reality PRO  |
| Motionflow          | Motionflow XR 800 (Native 100Hz)  |
| Compatible with HDR | Yes   |
| Video Signal        | 4096x2160p(24, 50, 60Hz),<br>3840x2160p(24, 25, 30, 50, 60Hz),<br>1080p(30, 50, 60Hz), 1080/24p,<br>1080i(50, 60Hz), 720p(30, 50, 60Hz),<br>720/24p, 576p, 576i, 480p, 480i |

## Audio specs

|                    |             |
|--------------------|-------------|
| Speaker position   | Down Firing |
| Audio Power Output | 10W+10W     |

## Network specs

|                             |   |
|-----------------------------|---|
| Wi-Fi direct                | Yes   |
| Wi-Fi Certified             | Yes   |
| DLNA                        | Home Network Client / Home Network Renderer |
| Miracast (screen mirroring) | Yes   |
| Firmware update             | Yes   |
| Internet Browser            | Opera                                       |
| Wireless LAN                | Integrated                                  |

## Convenience features

|                     |   |
|---------------------|---|
| USB Play (contents) | MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2TS(HDV,AVCHD)<br>AVI:Xvid,MotinJpeg/ASF(WMV):VC1/MOV:AVC,MPEG4,Mot<br>WEBM:VP8/3GPP:MPEG4,AVC/MP3/ASF(WMA)/WAV/MP4 |
| On screen clock     | Yes   |

|              |     |
|--------------|-----|
| Sleep timer  | Yes |
| On/Off timer | Yes |
| Google Cast  | Yes |

## Inputs and outputs

|                                    |  |
|------------------------------------|--|
| HDCP                               | HDCP 2.2 (for HDMI 1/2/3/4)                                |
| RF Connection Input(s)             | 1 (Side)   |
| Composite Video Input(s)           | 2 (1 Side Analog Conversion / 1 Bottom Hybrid w/Component) |
| Component Video (Y/Pb/Pr) Input(s) | 1 (Rear Hybrid w/Composite)                                |
| HDMI™ Connection(s) (Total)        | 4 (3 Side / 1 Rear)  |
| Analog Audio Input(s) (Total)      | 1  |
| Digital Audio Output(s)            | 1 (Rear)   |
| Audio Out                          | 1 (Side/Hybrid w/HP and Subwoofer Out)                     |

|                        |          |
|------------------------|----------|
| USB                    | 3 (Side) |
| Ethernet Connection(s) | 1 (Side) |

Design features

|                               |                             |
|-------------------------------|-----------------------------|
| Finish (Surface Color)        | Black                       |
| Table Top Stand               | Separate(assembly required) |
| VESA® Hole Spacing Compatible | Yes                         |

Eco and energy saving

|   |             |
|---|-------------|
| Screen size (measured diagonally)       | 65" (64.5") |
| Power Consumption (Rated)               | 174W        |
| Power Consumption (in Standby)          | 0.5W        |
| Power Requirements                      | AC 110-240V |
| Power Saving Mode / Back Light Off Mode | Yes         |

|                   |  |
|-------------------|--|
| Dynamic Backlight |  |
|-------------------|--|

|                |          |
|----------------|----------|
| Control        | Yes      |
| Light Sensor   | Yes      |
| AC Power Input | 1 (REAR) |

## Measurements

|   |                                   |
|---|-----------------------------------|
| Display Only (WxHxD)<br>(Approx.)       | Approx. 1454 x 840 x 44 (11.2) mm |
| Display with Stand<br>(WxHxD) (Approx.) | Approx. 1454 x 905 x 266 mm       |
| Package Carton<br>(WxHxD) (Approx.)     | Approx. 1572 x 954 x 198 mm       |

## Weight

|                    |         |
|--------------------|---------|
| Display Only       | 21 kg   |
| Display with Stand | 22.1 kg |
| Package Carton     | 31 kg   |

## Display specifications

|                               |                    |
|-------------------------------|--------------------|
| Viewing angle<br>(Right/Left) | 178 (89/89) degree |
| Viewing angle                 |                    |



|                    |                    |
|--------------------|--------------------|
| (Up/Down)          | 178 (89/89) degree |
| Display resolution | QFHD               |
| Aspect ratio       | 16:9               |
| OS                 | Android            |

| Signage specs               |     |
|-----------------------------|-----|
| Easy HTML5 Signage embedded | Yes |
| Multicast / IPTV            | Yes |

| Control specs     |                    |
|-------------------|--------------------|
| RS-232C Control   | 1 (Rear/Mini Jack) |
| IR Pass Through   | Yes                |
| Hotel Mode Pro    | Yes                |
| IP Control        | Yes                |
| HDMI auto wake-up | Yes                |

## Gallery

