

## FWL-65W855C

65" BRAVIA Professional Full HD  
Colour LED Display



### Overview

#### **Full HD picture quality and Android TV for corporate, education and digital signage applications**

This slim, energy-efficient 65" BRAVIA Professional Full HD LED display brings all your visual communications to life in boardrooms, offices, public spaces, retail venues and schools.

Create public display and signage applications that stand out from the crowd in Full HD resolution, with superb colour and contrast. Android TV allows quick customisation and extra functionality with a growing range of B2B applications, including content sharing, videoconferencing and more. And with Google Cast it's easy to share content wirelessly from a PC, tablet or smartphone with easy screen mirroring.

Integration is simple, with flexible mounting and versatile control options. Hotel Mode allows customisation and storage of advanced display settings.

With support for HTML5 built in, BRAVIA offers a complete entry-level networked digital signage solution with no extra boxes or player hardware needed. TDM digital signage licenses provide access to an easy-to-use, intuitive design tool - letting you build compelling, media-rich signage for one or more screens, with no

need for prior design skills or special training. And for even greater versatility, an optional overlay turns BRAVIA into a multi-point touch sensitive display for interactive kiosk and information point applications

## Features

### **Full HD image resolution (1920 x 1080 pixels)**

Enjoy crisp, clearly detailed images in a wide range of corporate display, education and digital signage applications.

### **Portrait hardware compatibility**

Achieve greater flexibility with portrait hardware compatibility. Now retail, 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. Full compatibility with TDM Digital Signage.

### **Great looking images from any input source**

Sony's powerful X-Reality PRO engine cleans, refines and upscales any content - including lower-resolution sources - for superb Full HD picture quality, whatever you're watching. From client presentations to high-impact digital signage, you'll see the difference with better looking pictures.

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

Personalise and control BRAVIA 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 display on BRAVIA 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**

BRAVIA is great for retail and public display applications: advanced controls include Hotel Mode, HDMI auto wake-up and 17/7 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 Hotel 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 BRAVIA remotely – including on/off, input signal select and adjust volume – over IP via RJ45 by web API or via RS-232C.

### **Control with your smartphone**

One-touch Mirroring lets you use your smartphone to swipe, enlarge, move and select content on the big screen for everyone to see.

### **Internet ready**

Ethernet connector and built-in Wi-Fi allow easy wired or wireless Internet connection.

### **Integrated IPTV system**

Stream IP TV content directly to the BRAVIA with no need for any set-top boxes or media players. Add interactive channels, video-on-demand, interactives menus, video security live streams and more.

### **Integrated media player**

Play videos and other media content directly from USB flash memory or live streaming in a wide range of file formats.

### 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.

## Specifications

### Display specifications

|                                    |     |
|------------------------------------|-----|
| Brightness (cd/m <sup>2</sup> )*** | 400 |
|------------------------------------|-----|

|                       |         |
|-----------------------|---------|
| Native contrast ratio | 4,000:1 |
|-----------------------|---------|

|                    |     |
|--------------------|-----|
| Response time (ms) | 6,5 |
|--------------------|-----|

|                        |                |
|------------------------|----------------|
| Dynamic contrast ratio | over 1 million |
|------------------------|----------------|

|                                    |                   |
|------------------------------------|-------------------|
| Viewing angle (Right/Left/Up/Down) | 178 (89/89/89/89) |
|------------------------------------|-------------------|

|                    |         |
|--------------------|---------|
| Display resolution | Full HD |
|--------------------|---------|

|              |      |
|--------------|------|
| Aspect ratio | 16:9 |
|--------------|------|

|                                    |         |
|------------------------------------|---------|
| Portrait (Hardware compatibility)* | Yes**** |
|------------------------------------|---------|

### TV System

|       |    |
|-------|----|
| Tuner | No |
|-------|----|

|                |     |
|----------------|-----|
| Android system | Yes |
|----------------|-----|

## Display features

|              |               |
|--------------|---------------|
| Dimming type | Frame Dimming |
|--------------|---------------|

|                |     |
|----------------|-----|
| Display device | LCD |
|----------------|-----|

|                |            |
|----------------|------------|
| Backlight type | Direct LED |
|----------------|------------|

|                |      |
|----------------|------|
| Operation time | 17/7 |
|----------------|------|

## Video specs

|           |   |
|-----------|---|
| Wide Mode | Full/Normal/Wide<br>Zoom/Zoom/Caption/14:9 for Video<br>Normal/Full1/Full2 for PC |
|-----------|---|

|             |     |
|-------------|-----|
| 4:3 Default | Yes |
|-------------|-----|

|                  |               |
|------------------|---------------|
| Video Processing | X-Reality PRO |
|------------------|---------------|

|            |                     |
|------------|---------------------|
| Motionflow | Motionflow XR 800Hz |
|------------|---------------------|

|              |  |
|--------------|--|
| Video Signal | 1080/24p (HDMI only); 1080/60i;<br>1080/60p (HDMI/Component);<br>1080/50i; 1080/50p<br>(HDMI/Component); 480/60i;<br>480/60p; 576/50i; 576/50p; 720/60p;<br>576/50p; 1080/30p (HDMI only); |
|--------------|--|

720/30p (HDMI only); 720/24p (HDMI only)

|                   |            |
|-------------------|------------|
| HDMI auto wake-up | Yes*       |
| 3D                | Active     |
| 3D glasses        | TDG-BT500A |

## Audio specs

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

## Signage specs

|                             |   |
|-----------------------------|---|
| Easy HTML5 Signage embedded | Yes   |
| Multicast / IPTV            | Yes (UDP/RTP)   |
| Compatible content          | Customised design, text, pictures, videos, PowerPoint, YouTube, traffic, weather, public information, Facebook, Twitter and more. |

## Network specs

|                             |                      |
|-----------------------------|----------------------|
| Wi-Fi direct                | Yes                  |
| Wi-Fi Certified             | Yes                  |
| DLNA                        | Yes                  |
| Miracast (screen mirroring) | Yes                  |
| Firmware update             | Yes (network or USB) |
| Internet Browser            | Yes (Opera)          |
| Wireless LAN                | Integrated           |

## Convenience features

|                     |  |
|---------------------|--|
| Twin picture        | PAP(2 size)/PIP  |
| USB Play (contents) | MPEG1 / MPEG2PS / MPEG2TS / AVCHD / MP4Part10 / MP4Part2 / AVI(XVID) / AVI(MotionJpeg) / MOV / WMV / MKV / WEBM / 3GPP / MP3 / WMA / WAV / JPEG / MPO / RAW(ARW) |
| On screen clock     | Yes  |
| Sleep timer         | Yes  |
| On/Off timer        | Yes  |

|             |     |
|-------------|-----|
| Google Cast | Yes |
|-------------|-----|

## Control specs

|                |     |
|----------------|-----|
| Hotel Mode Pro | Yes |
|----------------|-----|

|            |     |
|------------|-----|
| IP Control | Yes |
|------------|-----|

|                 |     |
|-----------------|-----|
| RS-232C Control | Yes |
|-----------------|-----|

## Inputs and outputs

|     |            |
|-----|------------|
| MHL | Yes (v2.1) |
|-----|------------|

|                           |            |
|---------------------------|------------|
| RF Connection<br>Input(s) | 1 (Bottom) |
|---------------------------|------------|

|                     |            |
|---------------------|------------|
| IF (BS/CS) Input(s) | 2 (Bottom) |
|---------------------|------------|

|                             |                             |
|-----------------------------|-----------------------------|
| Composite Video<br>Input(s) | 1 (Rear Hybrid w/Component) |
|-----------------------------|-----------------------------|

|                                       |                   |
|---------------------------------------|-------------------|
| Component Video<br>(Y/Pb/Pr) Input(s) | 1 (Bottom/Hybrid) |
|---------------------------------------|-------------------|

|                              |          |
|------------------------------|----------|
| SCART (without<br>Smartlink) | 1 (Rear) |
|------------------------------|----------|

|               |   |
|---------------|---|
| PC In (D-Sub) | 1 |
|---------------|---|

|                                |   |
|--------------------------------|---|
| HDMI™ Connection(s)<br>(Total) | 4 |
|--------------------------------|---|



|                                  |          |
|----------------------------------|----------|
| Analog Audio Input(s)<br>(Total) | 2 (Rear) |
|----------------------------------|----------|

|                         |          |
|-------------------------|----------|
| Digital Audio Output(s) | 1 (Rear) |
|-------------------------|----------|

|           |                      |
|-----------|----------------------|
| Audio Out | 1 (Side/Hybrid w/HP) |
|-----------|----------------------|

|     |   |
|-----|---|
| USB | 3 |
|-----|---|

|                           |          |
|---------------------------|----------|
| Ethernet<br>Connection(s) | 1 (Rear) |
|---------------------------|----------|

|                |        |
|----------------|--------|
| PCMCIA Slot(s) | 1 (Up) |
|----------------|--------|

## Design features

|                        |       |
|------------------------|-------|
| Finish (Surface Color) | Black |
|------------------------|-------|

|                 |                              |
|-----------------|------------------------------|
| Table Top Stand | Included (assembly required) |
|-----------------|------------------------------|

|                                  |                    |
|----------------------------------|--------------------|
| VESA® Hole Spacing<br>Compatible | Yes (400 x 300 mm) |
|----------------------------------|--------------------|

## Environment specs

|              |     |
|--------------|-----|
| Light Sensor | Yes |
|--------------|-----|

|              |    |
|--------------|----|
| Energy Label | A+ |
|--------------|----|

|                                      |                      |
|--------------------------------------|----------------------|
| Screen Size (measured<br>diagonally) | 65"(64.5") / 163.9cm |
|--------------------------------------|----------------------|

|                   |  |
|-------------------|--|
| Power Consumption |  |
|-------------------|--|

|   |   |
|---|---|
| (in Operation)                          | 123W  |
| Annual Power Consumption                | 171kWh/Year                                     |
| Power Consumption (in Standby)          | 0.5W  |
| Power consumption (Networked Standby)   | 2.00W (Wi-Fi) / 2.00W (LAN) / 0.50W (Bluetooth) |
| Peak Luminance Ratio                    | 74%   |
| Lead content                            | Yes   |
| Mercury content (mg)                    | 0   |
| Dynamic Backlight Control               | Yes   |
| Power Saving Mode / Back Light Off Mode | Yes   |
| AC Power Input                          | 1 (Pigtail)                                     |

## Interactivity

|                                |              |
|--------------------------------|--------------|
| 10 point IR touch overlay***** | PT-1165-IR10 |
|--------------------------------|--------------|

## Measurements

|                                   |                         |
|-----------------------------------|-------------------------|
| Display Only (WxHxD)<br>(Approx.) | 145.5x84.3x7.8(1.42) cm |
|-----------------------------------|-------------------------|

|   |                    |
|---|--------------------|
| Display with Stand<br>(WxHxD) (Approx.) | 145.5x89.1x26.5 cm |
|---|--------------------|

|                                     |                        |
|-------------------------------------|------------------------|
| Package Carton<br>(WxHxD) (Approx.) | 155.3 x 94.3 x 22.4 cm |
|-------------------------------------|------------------------|

## Weight

|              |         |
|--------------|---------|
| Display Only | 23.4 Kg |
|--------------|---------|

|                    |         |
|--------------------|---------|
| Display with Stand | 24.5 Kg |
|--------------------|---------|

|                |         |
|----------------|---------|
| Package Carton | 35.0 Kg |
|----------------|---------|

## Service and Warranty

|                   |                                |
|-------------------|--------------------------------|
| Standard Warranty | 3 Years with Advanced Exchange |
|-------------------|--------------------------------|

## Notes

|   |  |
|---|--|
| * | Please contact your Sony dealer for more information |
|---|--|

|     |                             |
|-----|-----------------------------|
| *** | Typical value of panel spec |
|-----|-----------------------------|

|      |                                    |
|------|------------------------------------|
| **** | SU-WL500 wall mount is recommended |
|------|------------------------------------|

\*\*\*\*\*

Touch overlays are optional.

## Related products



### SNC-EB630B

Basic Box-type 1080p/30 fps Camera Powered by IPELA ENGINE EX™ - E Series



### SNC-EB630

Box-type 1080p/30 fps Camera Powered by IPELA ENGINE EX™ - E Series



### SNC-EB632R

Outdoor IR Bullet 1080p/30 fps Camera Powered by IPELA ENGINE EX™ - E Series



### SNC-VB630

Box-type 1080p/60 fps Camera Powered by IPELA ENGINE EX™ - V Series



### SNC-VB635

Box-type 1080p/60 fps Camera with Half-inch Exmor™ CMOS Sensor Powered by IPELA ENGINE EX™ - V Series



### SNC-XM631

Minidome 1080p/30 fps Camera Powered by IPELA ENGINE EX™ - X Series



### SNC-XM632

Minidome 1080p/30 fps Camera Powered by IPELA ENGINE EX™ - X Series



### SNC-XM636

Minidome 1080p/30 fps Camera Powered by IPELA ENGINE EX™ - X Series



### SNC-XM637

Minidome 1080p/30 fps Camera Powered by IPELA ENGINE EX™ - X Series



### SNC-EM630

Minidome 1080p/30 fps Camera Powered by IPELA ENGINE EX™ - E Series



### SNC-EM631

Vandal-resistant Minidome 1080p/30 fps Camera Powered by IPELA ENGINE EX™ - E Series



### SNC-VM630

Minidome 1080p/60 fps Camera Powered by IPELA ENGINE EX™ - V Series



## **SNC- VM631**

Vandal-resistant  
Minidome 1080p/60  
fps Camera Powered  
by IPELA ENGINE EX™  
- V Series



## **SNC- VM632R**

Outdoor IR  
Ruggedized 1080p/60  
fps Camera Powered  
by IPELA ENGINE EX™  
- V Series



## **SNC- EP580**

1080p/30 fps PTZ  
Camera - E Series



## **SNC- ER580**

1080p/30 fps Rapid  
Dome Camera - E  
Series



## **SNC- WR630**

Rapid Dome 1080p/60  
fps Camera Powered  
by IPELA ENGINE  
PRO™ - W Series

## Gallery

