Philips Signage Solutions
D-Line Display

65"
Powered by Android
450cd/m²

**Signage**Solutions

65BDL4050D

# Chasing innovation

## powered by Android

Amaze your guests with a smarter, faster, signage display. With integrated WiFi and designed for running Android apps, it's the next evolution in signage solutions.

### Care about you, your business and your audience
- SmartPower for energy saving
- Keep your content up and running with FailOver
- Ensure your content is running with automatic screenshots
- Simplify meetings with FailOver for conferencing

### Maximizing the impact of your message
- Connect and control your content via the cloud

### Innovative solutions for any signage application
- Free and easy-to-use content management with SmartCMS
- Save and play content with internal memory
- Android: Run your own app or choose your favorite app to run
- Integrated WiFi
- Enhance your connectivity with an integrated mPCIe slot.
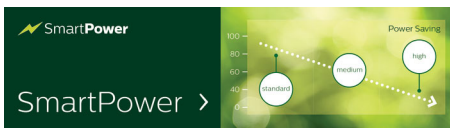
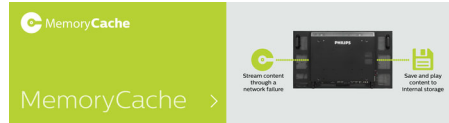**PHILIPS**

# Highlights

## FailOver



Keeping your content up and running is critical for demanding commercial applications. While it is unlikely you will face a content disaster, FailOver provides content protection with a revolutionary technology that plays back-up content on screen in the event of a media player failure. FailOver automatically kicks in when the primary input fails. Simply select a primary input connection and a FailOver connection and your ready for instant protection.

## SmartPower



The backlight intensity can be controlled and pre-set by the system to reduce the power consumption by up to 50%, which saves substantially on energy costs.

## Internal Memory



Save and play content with internal memory. Upload your media into the display and playback content immediately. Working in conjunction with the internal browser, it also serves as a memory cache when streaming online content. If the network ever fails, the internal memory keeps content running by playing a cached version of the content, ensuring that your media stays up even if the network goes down.

## PCI Slot

With an integrated PCI slot, you can connect a WiFI/bluetooth or 4G LTE module, allowing for even greater communication with the display. Machine to machine communication is also enhanced, with numerous configurations available for customers to use, such as the ability to expand product features or signal-handling capability.

## Powered by Android

WIth Android OS integrated into the display, you can work with the most developed OS on the planet and save your own app directly into the display. Or, choose from the large library of Android apps and play content from there. With the built-in scheduler, you can daypart

your apps and content based on your customer and time of day and with the auto orientation feature, showing content in portrait or landscape is as simple as turning the display.

## SmartBrowser



Connect and control your content via the cloud with the integrated HTML5 browser. Using the Chromium based browser, design your content online and connect a single display, or your complete network. Show content in both landscape and portrait mode, with fullHD resolution. Streaming content can also be shown in a PIP (picture-in-picture) window. Simply connect the display to the internet using WiFi or with an RJ45 cable, and enjoy your own created playlists

## Proof of Play

Content is king, and with the automatic screenshot feauture, you can make sure that your content is up and running at all times. Screenshots are taken throughout the day, which are then stored in the FTP server. From there, the screenshots can be viewed no matter when, or where you are.

# Specifications

## Picture/Display
- Diagonal screen size: 64.5 inch / 163.83 cm
- Panel resolution: 1920x1080p
- Optimum resolution: 1920 x 1080 @ 60Hz
- Brightness: 450 cd/m²
- Dynamic contrast ratio: 500,000:1
- Response time (typical): 12 ms
- Aspect ratio: 16:9
- Viewing angle (H / V): 178 / 178 degree
- Pixel pitch: 0.744 x 0.744 mm
- Display colors: 16.77 million
- Contrast ratio (typical): 1100:1
- Operating system: Android 4.4.4

## Supported Display Resolution
- Computer formats

| Resolution | Refresh rate |
| --- | --- |
| 640 x 480 | 60, 67, 72, 75Hz |
| 800 x 600 | 56, 60, 72, 75Hz |
| 1024 x 768 | 60Hz |
| 1280 x 768 | 60Hz |
| 1280 x 800 | 60Hz |
| 1360 x 768 | 60Hz |
| 1366 x 768 | 60Hz |
| 1440 x 900 | 60Hz |
| 1920 x 1080 | 60Hz |

- Video formats

| Resolution | Refresh rate |
| --- | --- |
| 480i | 60Hz |
| 480p | 60Hz |
| 576p | 50Hz |
| 576i | 50Hz |
| 720p | 50, 60Hz |
| 1080i | 50, 60Hz |
| 1080p | 50, 60Hz |

## Connectivity
- Video input: DVI-D, HDMI (x2), DisplayPort (1.2), USB 2.0 (x2), USB 2.0
- Audio input: 3.5 mm jack
- Video output: DisplayPort, DVI-I
- Audio output: 3.5mm jack
- External control: RJ45, RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack
- Other connections: micro SD, micro USB

## Convenience
- Placement: Portrait, Landscape
- Tiled Matrix: Up to 15 x 15
- Screen saving functions: Pixel Shift, Low Bright
- Signal loop through: DisplayPort, DVI, RS232, VGA, IR Loopthrough
- Ease of installation: Smart Insert
- Energy saving functions: Smart Power
- Network controllable: RS232, RJ45, HDMI (One Wire), One Wire (HDMI-CEC)
- Keyboard control: Hidden, Lockable
- Other convenience: G sensor

## Dimensions
- Set dimensions (W x H x D):
  1452.3 x 833.4 x 63.5 mm
- Set dimensions in inch (W x H x D):
  57.17 x 32.80 x 2.50 inch
- Bezel width: 9.6 mm (T/L/R), 15.7 mm (B)
- Wall Mount: 400 x 400, M6
- Product weight: 29.8 kg
- Product weight (lb): 65.70 lb

## Operating conditions
- Temperature range (operation): 0 ~ 40 °C
- Temperature range (storage): -20 ~ 60 °C
- Relative humidity: 20 ~ 80 %
- Altitude: 0 ~ 3000 m
- MTBF: 50,000 hour(s)

## Power
- Standby power consumption: <0.5 W
- Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
- Consumption (On mode): 103 W

## Sound
- Built-in speakers: 2 x 10W RMS

## Accessories
- Included accessories: Remote Control, Batteries for remote control, AC Power Cord, VGA cable, RS232 cable, Quick start guide, Edge alignment plates
- Stand: Universal Stand(L)(BM05922)(Optional)
- Included Accessories: DVI-VGA adapter, Philips logo (x1), RS232 daisy-chain cable

## Miscellaneous
- On-Screen Display Languages: Arabic, Dutch, Danish, English, French, Finnish, German, Italian, Japanese, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish, Simplified Chinese, Turkish, Traditional Chinese
- Regulatory approvals: CE, FCC, Class B, UL/cUL, CCC, C-Tick, RoHS, CB, BSMI, GOST, VCCI, J-Moss, PSE
- Warranty: 3 year warranty

## Multimedia Applications
- USB Playback Video: 3GP, AVI, FLV, MKV, MOV, MP4, TS
- USB Playback Picture: BMP, GIF, JPEG, JPG, PDF, PNG
- USB Playback Audio: WMA, AAC, M4A, MP1, MP2, MP3

## Internal Player
- CPU: Quad Core Cortex A9 1.8GHz
- GPU: ARM Mali400 Quad Core 533MHz
- Memory: 2GB DDR3
- Storage: 16GB EMMC