

# PHILIPS

D-Line Display

Signage Solutions

32"

Powered by Android

400cd/m<sup>2</sup>

32BDL4050D



## 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.

### **Innovative solutions for any signage application**

- Save and play content with internal memory
- Android: Run your own app or choose your favorite app to run
- Integrated WiFi

### **Maximizing the impact of your message**

- CMND: Take control of your displays
- Connect and control your content via the cloud
- Manage settings of multiple displays with CMND & Control
- Create and update content with CMND & Create

### **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

## Highlights

### 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.

### 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.

### Proof of Play

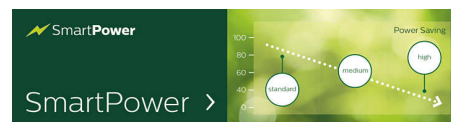
Content is king, and with the automatic screenshot feature, you can make sure that your content is up and running at all times. Screenshots are taken throughout the day, which are then stored in the FTP server. From there, the screenshots can be viewed no matter when, or where you are.

### FailOver



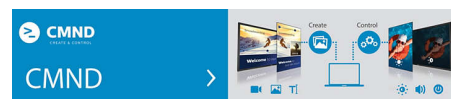
Keeping your content up and running is critical for demanding commercial applications. While it is unlikely you will face a content disaster, FailOver provides content protection with a revolutionary technology that plays back-up content on screen in the event of a media player failure. FailOver automatically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

### CMND



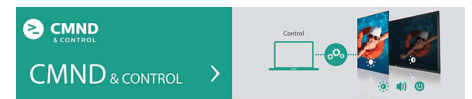
A robust display management platform, CMND puts the power back into your hands. Update and manage content with CMND & Create or control your settings with CMND & Control. It's all possible with CMND.

### CMND & Create



Design and create compelling content with CMND & Create, a powerful authoring tool. With a drag and drop interface, preloaded templates, and integrated widgets, you'll be able to amaze your customers with compelling content. Available in portrait and landscape mode.

### CMND & Control



With CMND & Control, easily manage multiple displays in a central location. With real time display monitoring, setting and software updates from a remote location, and the ability to customize and configure multiple displays at once, such as video wall or menu board displays, controlling your suite of displays has never been easier.

### 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

# Specifications

## Picture/Display

Diagonal screen size (metric): 80.01 cm  
 Diagonal screen size (inch): 31.5 inch  
 Aspect ratio: 16:9  
 Panel resolution: 1920x1080p  
 Pixel pitch: 0.36375 x 0.36375 mm  
 Optimum resolution: 1920 x 1080 @ 60Hz  
 Brightness: 400 cd/m<sup>2</sup>  
 Display colors: 16.77 million  
 Contrast ratio (typical): 1100:1  
 Dynamic contrast ratio: 500,000:1  
 Response time (typical): 10 ms  
 Viewing angle (horizontal): 178 degree  
 Viewing angle (vertical): 178 degree  
 Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, 3D MA deinterlacing, Dynamic contrast enhancement, Motion compens. deinterlacing, Progressive scan  
 Operating system: Android 4.4.4

## Connectivity

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

## Convenience

Placement: Landscape (24/7), Portrait (24/7)  
 Picture in picture: PIP  
 Tiled Matrix: Up to 15 x 15  
 Screen saving functions: Pixel Shift, Low Bright  
 Keyboard control: Hidden, Lockable  
 Signal loop through: DVI, VGA, RS232, IR  
 Loopthrough, DisplayPort

Energy saving functions: Smart Power

Other convenience: G sensor

Network controllable: RJ45, RS232, One Wire (HDMI-CEC), HDMI (One Wire)

## Sound

Built-in speakers: 2 x 10W RMS

## Power

Consumption (EPA 6.0): 44 W

Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz

Consumption (Typical): 53 W

Standby power consumption: <0.4 W

## Supported Display Resolution

Computer formats: 1920 x 1080, 60Hz, 1440 x 900, 60Hz, 1366 x 768, 60Hz, 1360 x 768, 60Hz, 1280 x 800, 60Hz, 1280 x 768, 60Hz, 1024 x 768, 60Hz, 800 x 600, 56, 60, 72, 75Hz, 640 x 480, 60, 67, 72, 75Hz

Video formats: 1080p, 50, 60Hz, 1080i, 50, 60Hz, 720p, 50, 60Hz, 576i, 50Hz, 576p, 50Hz, 480p, 60Hz, 480i, 60Hz

## Dimensions

Set Width: 724.8 mm

Product weight: 6.0 kg

Set Height: 424.3 mm

Set Depth: 56.40 mm

Set Width (inch): 28.5 inch

Set Height (inch): 16.7 inch

Wall Mount: 200 x 200 mm, M6

Set Depth (inch): 2.22 inch

Bezel width: 10.7 mm (T/L/R), 15.7 mm (B)

Product weight (lb): 13.23 lb

## Operating conditions

Altitude: 0 ~ 3000 m

Temperature range (operation): 0 ~ 40 °C

MTBF: 50,000 hour(s)

Relative humidity: 20 ~ 80 %

Temperature range (storage): -20 ~ 60 °C

## Multimedia Applications

USB Playback Video: MKV, MP4, TS, 3GP, AVI, FLV, MOV

USB Playback Picture: BMP, GIF, JPEG, JPG, PDF, PNG

USB Playback Audio: AAC, M4A, MP3, WMA, MP1, MP2

## Internal Player

CPU: Quad Core Cortex A9 1.8GHz

GPU: ARM Mali400 Quad Core 533MHz

Memory: 2GB DDR3

Storage: 16GB EMMC

## Accessories

Included accessories: Remote Control, Batteries for remote control, Quick start guide, RS232 cable, AC Power Cord

Included Accessories: Edge Alignment Kit (1)-2pcs, Edge Alignment Kit (2)-1pcs, Logo guide, Thumb Screw

Stand: Universal Stand (Small Size)(Optional)

## Miscellaneous

On-Screen Display Languages: English, French, German, Spanish, Polish, Turkish, Russian, Italian, Simplified Chinese, Traditional Chinese, Arabic, Japanese, Danish, Dutch, Finnish, Norwegian, Portuguese, Swedish

Warranty: 3 year warranty

Regulatory approvals: CE, FCC, Class B, UL/cUL, CCC, C-Tick, RoHS, GOST, BSMI, CB, J-Moss, PSE, VCCI

