



Philips Signage Solutions  
D-Line Display

32"

Powered by Android  
400cd/m<sup>2</sup>

**SignageSolutions**



32BDL4051D

## Say more

Smart, fast 24/7 display.

Make it stand out with a faster Philips D-Line Professional display. With Philips superb picture quality and Android SOC more powerful than ever before, capable of delivering complex content to capture your audience's attention.

### **Superb picture. Blazing processor speed.**

- Android 7. Dedicated Android processor
- Proof of Play for Android content. Know what's playing
- Integrated dual-band WiFi

### **Effortless setup. Total control.**

- CMND & Control. Operate, monitor, maintain
- CMND & Create. Develop and launch your own content
- CMND & Deploy. Install and launch apps remotely

### **Cost-effective system solution**

- FailOver. Ensure your display never goes blank
- Integrated HTML5 browser. Play and control online content
- Energy-saving automatic backlight control

**PHILIPS**

D-Line Display  
32" Powered by Android, 400cd/m²

# Highlights

## Powered by Android

Control your Philips professional display via an internet connection. The integrated Android OS (SoC) lets you install web and native Android apps directly to the display. A built-in scheduler makes it easy to launch apps and content based on time of day, or user. Auto-orientation ensures your content displays properly.

## CMND & Control



Run your display network over a local (LAN) connection. CMND & Control allows you to perform vital functions like controlling inputs

and monitoring display status. Whether you're in charge of one screen or 100.

## CMND & Create

Take control of your content with CMND & Create. A drag-and-drop interface makes it simple to publish your own content-whether it's a daily specials board or branded corporate information. Preloaded templates and integrated widgets ensure your stills, text, and video will be up and running in no time.

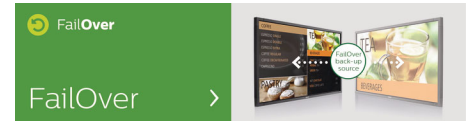
## CMND & Deploy

Quickly install and launch any app-even when you're off-site and working remotely. CMND & Deploy lets you add and update your own apps, as well as apps from the Philips Professional Display App Store. Simply scan

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the QR code, log in to the store, and click on the app you want to install. The app is automatically downloaded and launched.

## FailOver



From waiting room to meeting room, never show a blank screen. FailOver lets your Philips Professional Display switch automatically between primary and secondary inputs ensuring content keeps playing even if the primary source goes down. Simply set a list of alternate inputs to be sure your business is always on.

# Specifications

## Picture/Display

- Diagonal screen size: 31.5 inch / 80 cm
- Panel resolution: 1920x1080p
- Optimum resolution: 1920 x 1080 @ 60Hz
- Brightness: 400 cd/m<sup>2</sup>
- Contrast ratio (typical): 1100:1
- Dynamic contrast ratio: 500,000:1
- Aspect ratio: 16:9
- Response time (typical): 10 ms
- Pixel pitch: 0.55926 x 0.55926 mm
- Display colors: 16.7 million
- Viewing angle (H / V): 178 / 178 degree
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D MA Combfilter, Motion compens. deinterlacing, 3D MA deinterlacing, Progressive scan
- Operating system: Android 7.1.2
- Panel technology: IPS
- Placement: Landscape, Portrait

1280 x 960	60Hz
1024x768	60,70Hz
960x720	75Hz
848 x 480	60Hz
832 x 624	75Hz
800 x 600	56, 60, 72, 75Hz
720 x 400	70Hz
640 x 480	60, 67, 72, 75Hz
640 x 350	70Hz

## Video formats

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

- Humidity range (operation)[RH]: 10 ~ 80% (without condensation)
- Humidity range (storage) [RH]: 0 ~ 90% (without condensation)

## Sound

- Built-in speakers: 2 x 10W RMS

## Accessories

- Included accessories: Remote Control, Batteries for remote control, Quick start guide, RS232 cable, AC Power Cord
- Stand: Universal Stand-S (BM05911)(Optional)
- Included Accessories: Edge Alignment Kit (1)-2pcs, Edge Alignment Kit (2)-1pcs, M2 Screw x2, M3 screw x1, Philips logo, RS232 daisy-chain cable, SD card cover x 1, Thumb Screw x8

## Multimedia Applications

- USB Playback Audio: AAC, M4A, MP3, WMA
- USB Playback Picture: BMP, JPEG, JPG, PNG
- USB Playback Video: MKV, MP4, MPEG, MPG, TS, VOB, WMV, ASF, AVI, DAT, FLV

## 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
- Regulatory approvals: CE, BSMI, CB, EAC, EnergyStar 7.0, FCC, Class A, PSB, UL/cUL, CECP, EPA
- Warranty: 3 year warranty

## Internal Player

- CPU: Dual-Core Cortex-A72 @2GHz, Quad-Core Cortex-A53 @ 1.5GHz, RK3399
- GPU: ARM Mali-T860 MP4
- Memory: 4GB DDR3
- Storage: 16GB EMMC
- Wifi: 2T2R, 802.11 ac/a/b/g/n, WCT07R2201

## Connectivity

- Video input: Display Port1.2x1, DVI-I x 1, HDMI (x2)
- Video output: DisplayPort1.2x1, DVI-I x1
- Audio input: 3.5 mm jack
- 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 USB, USB 3.0, USB 2.0, micro SD

## Supported Display Resolution

### Computer formats

Resolution	Refresh rate
1920 x 1200	60Hz
1920 x 1080	60Hz
1680 x 1050	60Hz
1600 x 1200	60Hz
1600 x 900	60Hz
1440 x 900	60, 75Hz
1400 x 1050	60, 75Hz
1440 x 1050	60Hz
1360 x 768	60Hz
1366 x 768	60Hz
1280x1024	60,67,75Hz
1152 x 864	60, 70, 75Hz
1152 x 900	66Hz
1280 x 720	60,70Hz
1280 x 768	60Hz, 75Hz
1280 x 800	60,75Hz

## Dimensions

- Set dimensions (W x H x D): 724.8 x 424.3 x 64.1 mm
- Set dimensions in inch (W x H x D): 28.54 x 16.7 x 2.52 inch
- Bezel width: 10.8 mm (T/L/R), 15.7 mm (B)
- Product weight (lb): 13.56 lb
- Product weight: 6.15 kg
- VESA Mount: 200 x 200 mm, M6

## Convenience

- Tiled Matrix: Up to 15 x 15
- Keyboard control: Hidden, Lockable
- Signal Loop Through: IR Loopthrough, DisplayPort, DVI, RS232
- Network controllable: RJ45, RS232
- Screen saving functions: Pixel Shift
- Picture in picture: PIP

## Power

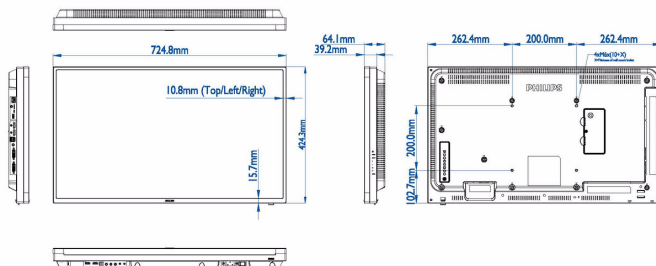
- Standby power consumption: <0.5 W
- Mains power: AC (100 ~ 240 V) , 2.5A
- Consumption (Typical): 65 W
- Consumption (On mode): 110W (max)

## Operating conditions

- Temperature range (operation): 0 ~ 40 °C
- Temperature range (storage): -10 ~ 50 °C
- Altitude: 0 ~ 3000 m
- MTBF: 50,000 hour(s)

## Philips 32BDL4051D

Version: 1.0  
Release Date: 2018/09/17



Issue date 2019-10-04

Version: 1.0.1

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