



Philips Signage Solutions
D-Line Display

49"

Powered by Android
450cd/m²

SignageSolutions



49BDL4051D

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. Specificall

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
- Integrated mPCIe slot for optional 4G/LTE module

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

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

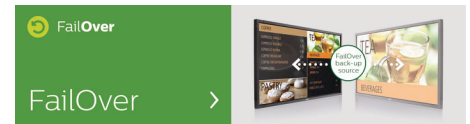
Quickly install and launch any app-even when you're off-site and working remotely. CMND & Deploy lets you add and update your own apps, as well as apps from the Philips Professional Display App Store. Simply scan the QR code, log in to the store, and click on the app you want to install. The app is automatically downloaded and launched.

Integrated mPCIe slot

Easily connect 4G/LTE modules to your Philips professional display. The integrated mPCIe slot

enables your display to communicate with other devices that share the same wireless connectivity. Invaluable if you're installing displays in locations such as banks or government buildings, where you cannot get onto the local network.

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: 48.5 inch / 123.2 cm
- Panel resolution: 1920x1080p
- Optimum resolution: 1920 x 1080 @ 60Hz
- Brightness: 450 cd/m²
- Contrast ratio (typical): 1100:1
- Dynamic contrast ratio: 500,000:1
- Aspect ratio: 16:9
- Response time (typical): 12 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 Combfilter, Motion compens. deinterlacing, 3D MA deinterlacing, Progressive scan
- Operating system: Android 7.1.2
- Panel technology: IPS
- Placement: Landscape, Portrait

| | |
|------------|------------------|
| 1152 x 900 | 66Hz |
| 1280 x 960 | 60Hz |
| 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 |

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 |
| 1400 x 1050 | 60, 75Hz |
| 1440 x 1050 | 60Hz |
| 1440 x 900 | 60, 75Hz |
| 1366 x 768 | 60Hz |
| 1360 x 768 | 60Hz |
| 1280x1024 | 60,67,75Hz |
| 1280 x 720 | 60,70Hz |
| 1280 x 800 | 60,75Hz |
| 1280 x 768 | 60Hz, 75Hz |
| 1024x768 | 60,70Hz |
| 1152 x 864 | 60, 70, 75Hz |

Dimensions

- Set dimensions (W x H x D): 1097.6 x 633.9 x 45.5 mm
- Set dimensions in inch (W x H x D): 43.21 x 24.96 x 1.79 inch
- Bezel width: 9.6 mm (T/L/R), 15.7 mm (B)
- Product weight (lb): 32.63 lb
- Product weight: 14.80 kg
- VESA Mount: 400 x 400 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): 75 W
- Consumption (On mode): 130W (max)

Operating conditions

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

- 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-L (BM05922)(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

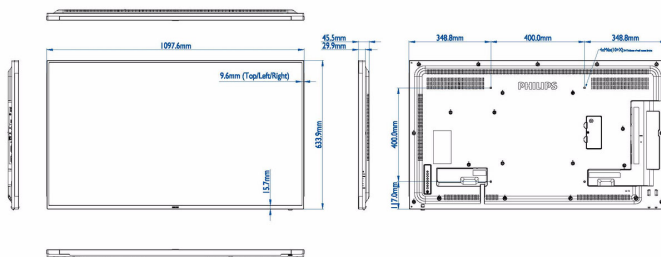
Miscellaneous

- 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

Philips 49BDL4051D
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Release Date: 2018/09/17



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Version: 1.0.1

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