



Philips Signage Solutions
D-Line Display

49"

Powered by Android
500 cd/m²

SignageSolutions

49BDL4150D

Say more

Smart, fast, 24/7 display.

Make it stand out with a fast Philips D-Line Professional 4K UHD display. Philips superb picture quality ensures true colours and intense contrast. You can effortlessly display content from multiple sources on a single screen.

Superb picture. Blazing processor speed.

- 4K UHD. Superb picture. Clear contrast.
- Android 7. Dedicated Android processor
- IPS panel: rich colour consistency from every angle
- Proof of Play for Android content. Know what's playing
- Integrated dual-band WiFi

Effortless setup. Total control.

- CMND & Deploy. Install and launch apps remotely
- CMND and Control. Operate, monitor, maintain
- CMND and Create. Develop and launch your own content
- Integrated mPCIe slot for optional 4G/LTE module

Cost-effective system solution

- FailOver. Ensure your display never goes blank
- QuadViewer. Play four source signals on one screen.
- Integrated HTML5 browser. Play and control online content

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 onto the display. A built-in scheduler makes it easy to launch apps and content based on time of day or user.

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 will be automatically downloaded and launched.

CMND and Control



Run your display network over a local (LAN) connection. CMND and Control allows you to perform vital functions like controlling inputs and monitoring display status. Whether you're in charge of one screen or 100.

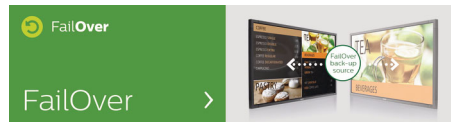
CMND and Create

Take control of your content with CMND and 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 that your stills, text and video will be up and running in no time.

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 access 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 that content keeps playing even if the primary source goes down. Simply set a list of alternative inputs to be sure your business is always on.

QuadViewer



Turn a single Philips Professional Display into a bezel-free 2 x 2 videowall. By connecting four independent sources, you can effortlessly play multiple channels at once. Simply tell the display which zone should play which content. Ideal for situations like broadcast control rooms, where feeds from multiple cameras need to be clearly visible.

Proof of Play

Be sure your Android-powered Philips Professional Display is showing the right content-even when you're not there. When playing content via the embedded media player, you can set up your display to take automatic screenshots at regular intervals. Screenshots are stored on the display's internal memory, and you can choose to receive them via email.

Specifications

Picture/Display

- Diagonal screen size: 48.5 inch / 123.2 cm
- Panel resolution: 3840 x 2160
- Optimum resolution: 3840 x 2160 @ 60 Hz
- Brightness: 500 cd/m²
- Contrast ratio (typical): 1100:1
- Aspect ratio: 16:9
- Response time (typical): 8 ms
- Pixel pitch: 0.27963 [mm] x 0.27963 [mm]
- Display colours: 1.07 Billion
- Viewing Angle (H / V): 178 / 178 degree
- Operating system: Android 7.1.2

Connectivity

- Video input: DVI-D, VGA (Analogue D-Sub), DisplayPort (1.2), HDMI 2.0 x 3
- Video output: DisplayPort 1.2 x 1
- Audio input: 3.5 mm jack
- Audio output: SPDIF, 3.5 mm jack, External speaker connection
- Other connections: Micro USB (x 1) (OTG), USB 2.0, USB 3.0, mPCIe
- External control: RJ45, RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack

Supported Display Resolution

• Computer formats

| Resolution | Refresh rate |
|-------------|-------------------|
| 4096 x 2160 | 24 Hz |
| 3840 x 2160 | 24, 25, 30, 60 Hz |
| 1920 x 1200 | 60 Hz |
| 1920 x 1080 | 60 Hz |
| 1680 x 1050 | 60 Hz |
| 1600 x 1200 | 60 Hz |
| 1600 x 900 | 60 Hz |
| 1440 x 1050 | 60 Hz |
| 1440 x 900 | 60, 75 Hz |
| 1400 x 1050 | 60, 75 Hz |
| 1366 x 768 | 60 Hz |
| 1360 x 768 | 60 Hz |
| 1280 x 1024 | 60, 67, 75 Hz |
| 1280 x 960 | 60 Hz |
| 1280 x 800 | 60, 75 Hz |
| 1280 x 768 | 60 Hz, 75 Hz |
| 1280 x 720 | 60, 70 Hz |
| 1152 x 900 | 66 Hz |
| 1152 x 864 | 60, 70, 75 Hz |
| 1024 x 768 | 60, 70 Hz |
| 960 x 720 | 75 Hz |

| | |
|-----------|-------------------|
| 848 x 480 | 60 Hz |
| 832 x 624 | 75 Hz |
| 800 x 600 | 56, 60, 72, 75 Hz |
| 720 x 400 | 70 Hz |
| 640 x 480 | 60, 67, 72, 75 Hz |
| 640 x 350 | 70 Hz |

• Video formats

| Resolution | Refresh rate |
|------------|--------------|
| 4K x 2K | 50, 60 Hz |
| 1080i | 50, 60 Hz |
| 1080p | 50, 60 Hz |
| 720p | 50, 60 Hz |
| 576i | 50 Hz |
| 576p | 50 Hz |
| 480i | 60 Hz |
| 480p | 60 Hz |

Dimensions

- Set dimensions (W x H x D): 1104.2 x 637 x 65.4 mm(wall mount)/ 69.6 mm(handle) mm
- Set dimensions in inch (W x H x D): 43.47 x 25.08 x 2.57 (wall mount)/2.74 (handle) inch
- Bezel width: 12.2 mm(T); 12.7 mm(/R/L); 15.8 mm(B)
- Product weight (lb): 46.07 lb
- Product weight: 20.9 kg
- VESA Mount: 400 x 400 mm, M6

Convenience

- Placement: Landscape, Portrait
- Tiled Matrix: Up to 10 x 15
- Keyboard control: Hidden, Lockable
- Signal Loop Through: IR Loop through, DisplayPort
- Network controllable: RJ45, RS232
- Screen-saving functions: Pixel Shift, Low Bright

Power

- Standby power consumption: 0.5 W
- Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
- Consumption (Typical): 135 W
- consumption(Max): 194 W

Operating conditions

- Temperature range (operation): 0 ~ 40 °C
- Temperature range (storage): -20 ~ 60 °C
- Altitude: 0 ~ 3000 m
- MTBF: 50,000 hour(s)

- Humidity range (operation)[RH]: 20–80% (without condensation)
- Humidity range (storage) [RH]: 5–95% (without condensation)

Sound

- Built-in speakers: 2 x 10 W RMS

Accessories

- Included accessories: Remote Control, Batteries for remote control, Quick start guide, RS232 cable, AC Power Cord
- Stand: BM05922(Optional)
- Included Accessories: M2 Screw x 2, M3 screw x 1, Philips logo, RS232 Daisy chain cable (1.8 m), SD card cover x 1, Dipole antenna x 2, IR sensor cable (1.8 m)

Multimedia Applications

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

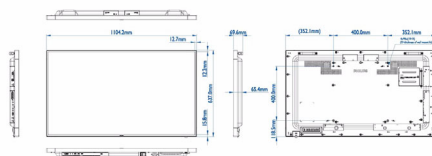
Miscellaneous

- 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: BSMI, CB, CE, CU, FCC, Class A, PSB, RoHS, UL/cUL, EMC, EMF, VCCI, EnergyStar 8.0, J-Moss, PSE
- Warranty: 3 year warranty

Internal Player

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

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