

D-Line Display

- 49"
- · Powered by Android
- 450cd/m²

49BDL4050D/00

Inform. Effortlessly

Smart, powerful 24/7 display.

Make it clear with a powerful D-Line professional FHD display. This responsive solution offers brilliant picture quality, simple control, and reliable connectivity. Even in areas that are hard to network.

Benefits

Brilliant picture. Blazing processor speed.

- Android SoC processor. Native and web apps
- Full HD. Clear images. Crisp contrast
- IPS panel: rich color consistency from every angle
- Place in landscape or portrait orientation

Effortless setup. Total control.

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

Features

Powered by Android

Control your display via an Internet connection. Android-powered Philips Professional Displays are optimized for native Android apps, and you can

- Integrated mPCle slot for optional 4G/LTE module
- Proof of Play for Android content. Know what's playing

Cost-effective system solution

- FailOver ensures content is always playing
- Energy-saving automatic backlight control
- Integrated HTML5 browser. Play and control online content
- Internal memory. Upload content for instant play



install web apps directly to the display too. A new Android OS ensures the software is kept secure and remain to the latest specification for longer.

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.

CMND & Control





/LTE modules to your Philips professional display. The slot enables your display to communicate with other devices ne wireless connectivity. Invaluable if you're installing displays s banks or government buildings, where you cannot get

FailOver

Fail Over

FailOver

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





m to meeting room, never show a blank screen. FailOver Professional Display switch automatically between primary puts 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.

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

Specifications

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Picture/Display

Diagonal screen size 48.5 inch (inch) 123.2 cm

Diagonal screen size

(metric)

Panel resolution 1920×1080p 1920 x 1080 @ 60Hz

Optimum resolution 450 cd/m² Brightness Contrast ratio 1100:1 (typical)

Dynamic contrast

ratio

16:9 Aspect ratio Response time 12 ms

(typical)

Pixel pitch 0.55926 x 0.55926 mm

Display colors Viewing angle (hori-

zontal) Viewing angle

(vertical)

Picture enhancement 3/2 - 2/2 motion pull down

3D Combfilter

500,000:1

16.7 million

178 degree

178 degree

Motion compens. deinterlacing 3D MA deinterlacing Dynamic contrast enhancement

Progressive scan Android 4.4.4

Operating system

Connectivity

Video output

DisplayPort (1.2) Video input

HDMI (x2) DVI-I (x 1) USB 2.0 (x2) **USB 2.0** DisplayPort

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.

DVI-I 3.5 mm jack Audio input Audio output 3.5mm jack Other connections micro SD

micro USB

External control **RJ45**

RS232C (in/out) 2.5 mm jack IR (in/out) 3.5 mm jack

Supported Display Resolution

1920 x 1080, 60Hz Computer formats 1440 x 900, 60Hz 1366 x 768, 60Hz

1360 x 768, 60Hz 1280 x 800, 60Hz 1280 x 768, 60Hz 1024 x 768, 60Hz

 800×600 , 56, 60, 72, 75Hz 640 x 480, 60, 67, 72, 75Hz

1080p, 50, 60Hz 1080i, 50, 60Hz Video formats

720p, 50, 60Hz 576i, 50Hz 576p, 50Hz 480p, 60Hz 480i, 60Hz

Dimensions

Set Width 1097.6 mm 633.90 mm Set Height Set Depth 45.5 mm Set Width (inch) 43.2 inch Set Height (inch) 24.9 inch Set Depth (inch) 1.8 inch

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

Product weight (lb) 32.41 lb Product weight

14.7 kg 400 x 400 mm, M6 Wall Mount

Convenience

Placement Landscape Portrait Up to 15 x 15 Tiled Matrix Keyboard control . Hidden

Lockable Signal loop through DVI VGA

RS232 IR Loopthrough DisplayPort

Network controllable **RS232**

One Wire (HDMI-CEC) HDMI (One Wire) Smart Power

Pixel Shift, Low Bright

Energy saving func-

tions

Screen saving func-

tions

Other convenience G sensor

<0.4 W Standby power

consumption Mains power

100 ~ 240 VAC, 50 ~ 60 Hz 67 W

-20 ~ 60 °C

Consumption (Typical)

Operating conditions

Temperature range $0 \sim 40 \,^{\circ}\text{C}$

(operation) Temperature range

(storage)

20 ~ 80 % Relative humidity Altitude 0 ~ 3000 m **MTBF** 50,000 hour(s)

Sound

Built-in speakers 2 x 10W RMS

Accessories

Remote Control Included accessories

Batteries for remote control

Quick start guide RS232 cable AC Power Cord

Universal Stand (Large Size)(Optional) Stand

Included Accessories Edge Alignment Kit (1)-2pcs Edge Alignment Kit (2)-1pcs

Logo guide

RS232 daisy-chain cable Thumb Screw (x8)

Multimedia Applications

USB Playback Audio AAC

M4A MP3 WMA MP1 MP2

USB Playback Picture BMP

GIF JPEG JPG PDF

PNG

USB Playback Video

MKV MP4 TS 3GP AVI FI V MOV

English

Miscellaneous

On-Screen Display

Languages

French German ${\sf Spanish}$ Polish Turkish Russian Italian

Simplified Chinese Traditional Chinese

Arabic Japanese Danish Dutch Finnish Norwegian Portuguese Swedish CE

Regulatory approvals

FCC, Class B UL/cUL CCC C-Tick RoHS GOST BSMI CB J-Moss PSE VCCI EnergyStar 7.0

Warranty 3 year warranty

Internal Player

CPU Quad Core Cortex A9 1.8GHz ARM Mali400 Quad Core 533MHz GPU

Memory 2GB DDR3 16GB EMMC Storage

> data subject to change 2023, June 19



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