

PHILIPS

Q-Line Display

Signage Solutions

49"

3840 x 2160 (4K UHD)

Ultra HD

49BDL3050Q



Show more

Simple, smart, sharp 18/7 display.

Turn up the stopping power with the Q-Line UHD Android display that goes big on resolution. Benefit from fast, hardware-free installation and superb picture quality. Easily display online and local content.

Superb picture. Smooth performance

- Ultra-HD. Rich images. Stunning contrast
- IPS panel: rich color consistency from every angle
- Android SoC processor. Native and web apps

Effortless setup. Total control.

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

Cost-effective system solution

- Energy-saving automatic backlight control
- Integrated media player. Easily schedule USB content
- Integrated HTML5 browser. Play and control online content
- Internal memory. Upload content for instant play

Highlights

Powered by Android

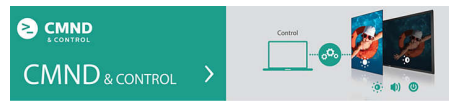
Control your display via an Internet connection. Android-powered Philips Professional Displays are optimized for native

Android apps, and you can 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.

CMND

Take control of your Philips Professional Display network. CMND lets you manage, update, maintain, and play via one easy-to-use interface. From installation to daily operation.

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.

Internal memory

Save and play content without the need for a permanent external player. Your Philips professional display has an internal memory, which allows you to upload media into the display for instant playback. The internal memory also functions as a cache for online streaming.

Specifications

Picture/Display

Diagonal screen size (metric): 123.2 cm
Diagonal screen size (inch): 48.5 inch
Aspect ratio: 16:9
Panel resolution: 3840 x 2160
Pixel pitch: 0.27963 x 0.27963 mm
Optimum resolution: 3840 x 2160 @ 60 Hz
Brightness: 350 cd/m²
Display colors: 1.07 Billion
Contrast ratio (typical): 1200:1
Response time (typical): 9 ms
Viewing angle (horizontal): 178 degree
Viewing angle (vertical): 178 degree
Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement, Color Enhancement, Color Temperature Adjustment, De-interlacer, Noise Reduction, Smart Picture
Panel technology: IPS
Operating system: Android 5.0.1

Connectivity

Audio output: Audio Left/Right (RCA)
Video input: DVI-D, VGA (Analog D-Sub), HDMI (x2), USB 2.0 (x2)
Audio input: 3.5 mm jack
External control: RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack, RJ45

Convenience

Placement: Landscape (18/7), Portrait (12/7)
Tiled Matrix: Up to 10 x 15
Screen saving functions: Pixel Shift, Low

Brightness
Keyboard control: Lockable
Remote control signal: Lockable
Signal loop through: IR Loophthrough, RS232
Ease of installation: Remote Control Lock
Energy saving functions: Smart Power
Other convenience: Kensington lock, VESA mount (400x400mm)
Network controllable: LAN (RJ45), RS232
Memory: 8GB eMMC

Sound

Built-in speakers: 2 x 10W RMS

Power

Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
Consumption (On mode): 125 W
Standby power consumption: <0.5W
Power Saving Features: Smart Power

Supported Display Resolution

Computer formats: 640 x 480, 60, 72, 75Hz, 720 x 400, 70Hz, 800 x 600, 60, 75Hz, 1024 x 768, 60, 75Hz, 1280 x 768, 60Hz, 1280 x 800, 60Hz, 1280 x 1024, 60Hz, 1360 x 768, 60Hz, 1600 x 1200, 60Hz, 1920 x 1080, 60Hz, 3840 x 2160, 30, 60Hz
Video formats: 480i, 30, 60Hz, 480p, 30, 60Hz, 576i, 25, 50Hz, 576p, 25, 50Hz, 720p, 50, 60Hz, 1080i, 25, 30Hz, 1080p, 50, 60Hz, 2160p, 30,50, 60Hz

Dimensions

Set Width: 1099.2 mm
Product weight: 11.4 kg
Set Height: 631.9 mm
Set Depth: 62.4 mm
Set Width (inch): 43.28 inch
Set Height (inch): 24.88 inch
Wall Mount: 400 x 400 mm, M6
Set Depth (inch): 2.46 inch
Bezel width: 11.9 (Top/Left/Right) 14.4 (Bottom) mm
Product weight (lb): 25.13 lb

Operating conditions

Altitude: 0 ~ 3000 m
Temperature range (operation): 5 ~ 40 °C
MTBF: 50,000 hour(s)
Relative humidity: 20 ~ 80 (operation),10 ~ 90%(storage) %
Temperature range (storage): -20 ~ 60 °C

Multimedia Applications

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

Internal Player

CPU: ARM Quad-core processor
Memory: 2GB DDR3
Storage: 8GB eMMC

Accessories

Included accessories: AC Power Cord, RS232 cable, Quick start guide, IR sensor cable (1.8M), Batteries for remote control, Remote Control
Included Accessories: RS232 daisy-chain cable, USB Cover and screw x1
Optional accessories: Table top stand
Stand: BM05923/BM02542/BM05922

Miscellaneous

On-Screen Display Languages: Arabic, Simplified Chinese, Traditional Chinese, English, French, German, Italian, Polish, Russian, Spanish, Turkish, Japanese, Czech, Danish, Dutch, Finnish, Norwegian, Portuguese, Swedish
Warranty: 3 year warranty
Regulatory approvals: CE, UL/cUL, CB, FCC, Class B, BSMI, CCC, EAC, EMF, EnergyStar 7.0, PSB, CECPC

Philips 49BDL3050Q
Version: 1.0
Release Date: 2017/06/25

