Philips Signage Solutions
Q-Line Display

50"
3840 x 2160 (4K UHD)
Ultra HD

SignageSolutions

50BDL3050Q

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
- Android SoC processor. Native and web apps

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

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

PHILIPS

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.

SmartPlayer LED ULTRA RESOLUTION SmartPower

Specifications

Picture/Display
- Diagonal screen size: 49.5 inch / 125.73 cm
- Panel resolution: 3840 x 2160
- Optimum resolution: 3840 x 2160 @ 60 Hz
- Brightness: 350 cd/m²
- Contrast ratio (typical): 4000:1
- Response time (typical): 8 ms
- Aspect ratio: 16:9
- Viewing angle (H / V): 178 / 178 degree
- Pixel pitch: 0.2854 x0.2854 mm
- Display colors: 1.07 Billion
- 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
- Operating system: Android 5.0.1
- Panel technology: AMVA

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
640 x 480	60, 72, 75Hz
720 x 400	70Hz
800 x 600	60, 75Hz
1024 x 768	60, 75Hz
1280 x 1024	60Hz
1280 x 768	60Hz
1280 x 800	60Hz
1360 x 768	60Hz
1600 x 1200	60Hz
1920 x 1080	60Hz
3840 x 2160	30, 60Hz

- Video formats

Resolution	Refresh rate
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

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

Convenience
- Screen saving functions: Pixel Shift, Low Brightness
- Keyboard control: Lockable
- Network controllable: LAN (RJ45), RS232
- Energy saving functions: Smart Power
- Placement: Landscape (18/7)
- Remote control signal: Lockable
- Ease of installation: Remote Control Lock
- Memory: 8GB eMMC
- Other convenience: Kensington lock, VESA mount (400x400mm)
- Signal loop through: IR Loopthrough, RS232
- Tiled Matrix: Up to 10 x 15

Dimensions
- Bezel width: 11.8 (Top/Left/Right) 14.3 (Bottom) mm
- Set dimensions (W x H x D): 1123.6 x 646.7 x 67.8 mm
- Set dimensions in inch (W x H x D): 44.24 x 25.5 x 2.67 inch
- Product weight: 12.8 kg
- Product weight (lb): 28.16 lb
- VESA Mount: 400 x 400 mm, M6

Operating conditions
- Altitude: 0 ~ 3000 m
- Temperature range (operation): 0~ 40 °C
- Temperature range (storage): -20 ~ 60 °C
- Relative humidity: 20 ~ 80% (operation),5 - 95%(storage) %
- MTBF: 50,000 hour(s)

Power
- Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
- Consumption (On mode): 128 W
- Standby power consumption: <0.5W
- Power Saving Features: Smart Power
- Comsumption (Max): 180 W
- Consumption (Typical): 140 W

Sound
- Built-in speakers: 2 x 10W RMS

Accessories
- Included accessories: AC Power Cord, RS232 cable, Batteries for remote control, Quick start guide, Remote Control, IR sensor cable (1.8M)
- Included Accessories: RS232 daisy-chain cable
- Stand: BM05923/BM02542/BM05922

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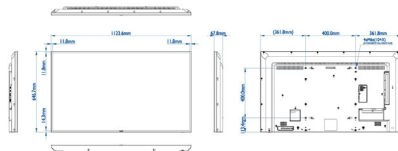- USB Playback Audio: AAC, M4A, MP3, WMA

Miscellaneous
- Warranty: 3 year warranty
- 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
- Regulatory approvals: BSMI, CB, CCC, CE, CECP, EAC, EMF, EnergyStar 7.0, FCC, Class B, PSB, UL/cUL

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

Philips 50BDL3050Q
Version: 1.0
Release Date: 2018/03/00

www.philips.com