

Philips Signage Solutions  
Multi-Touch Display

24"

Powered by Android  
Multi-touch

**SignageSolutions**

24BDL4151T



## Make it personal

Compact Multi-Touch display.

Promote. Inform. Intrigue. This clear, responsive Philips Multi-Touch Smart Display makes a superb all-in-one solution. Content is simple to manage remotely and it's easy to connect 4G modules. Power-over-Ethernet enables flexible placement

### **Superb picture. Responsive touchscreen.**

- Crisp contrast. High readability
- Plug-and-play 10-point Multi-Touch display
- Android 7 SoC processor. Native and web apps
- Built-in camera, mic and speaker

### **Effortless setup. Total control.**

- Easy installation with PoE+ technology
- CMND and Control. Operate, monitor, maintain
- CMND and Create. Develop and launch your own content
- CMND & Deploy. Install and launch apps remotely

### **Versatile system solution**

- TeamViewer Host app. Remote control and screen sharing
- Integrated mPCIe slot for optional 4G/LTE module
- Internal memory. Upload content for instant play
- Flexible mounting: portrait, landscape and table-top

**PHILIPS**

# Highlights

## Powered by Android

Control your display via an Internet connection. Android-powered Philips Professional Displays are optimised for native Android apps and you can install web apps directly to the display too. A built-in scheduler makes it easy to launch apps and content based on time of day.

## Built-in camera

The built-in camera, mic and speaker make this small touchscreen a truly versatile smart solution. Use it for retail audience measurement, footfall analytics and more. Harness the power of Android AI apps to show targeted content. Or simply use your display for video conferencing.

## Power over Ethernet (PoE+).

Place your Philips Professional Display almost anywhere. PoE+ allows power and data to be delivered to your display over a single Ethernet cable. You won't need a power socket, but a power adapter is also supplied should you wish to plug in.

## 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.

## 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.

## 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.

# Specifications

## Picture/Display

- Diagonal screen size: 23.6 inch / 59.94 cm
- Optimum resolution: 1920 x 1080
- Brightness: 210 cd/m<sup>2</sup>
- Contrast ratio (typical): 1000:1
- Aspect ratio: 16:9
- Response time (typical): 5 ms
- Viewing Angle (H / V): 170 / 160 degree
- Display colours: 16.7 M

## Operating system

- Operating System: Android 7.1.2

## Internal Player

- CPU: RK3399, TSUMOP88CDT9-1
- Memory: 4 GB DDR3
- Micro SD Card Slot: Micro SD ver2.0 (SD/SDHC card up to max. 128 GB)
- Internal memory storage: 16 GB EMMC

## Camera

- Camera: Built-in 2 MP/1080 P (1920 x 1080)

## Sound

- Built-in speakers: 2 x 2 W

## Communication

- Wi-Fi/ WLAN: On-board IEEE802.11 b/g/n/ac 2.4/5 GHz
- External 4G mPCIe slot

## Connectivity

- Other connections: micro SD
- USB: USB 2.0 x 1, USB 3.0 x 1 w/fast charging
- Audio output: 3.5 mm Mini Jack x 1
- External control: RJ45
- Video input: HDMI
- Video output: HDMI

## Convenience

- Keyboard control: Hidden, Lockable
- Other convenience: G sensor for Auto-rotation
- Network controllable: RJ45, Wi-Fi

## Power

- Mains power: 100 - 240 V~, 50 - 60 Hz, 1.5 A
- Standby power consumption: <0.5 W

- Consumption (Typical): 25 W
- PoE + (Power over Ethernet): 44-57V DC. 1.2 A
- consumption(Max): 45 W

## Regulatory approvals/Others

- Regulatory approvals: IEC 60950 class A, CB, CCC, CE, C-Tick, FCC, Class A, GS, PSE, TUV, UL
- Warranty: 3 years (where applicable)

## Accessories

- Stand: desktop stand (Landscape only)
- Included accessories: DC power adapter, HDMI cable, Power plug, Quick start guide, USB cable
- Included Accessories: Screws for 4G module board(2pc, Screws for Stand (4pcs), Wire Clamper (2pcs)

## Operating conditions

- Temperature range (operation): 0-45 °C
- Relative humidity: operating:30% ~ 80%, storage:10%-85% %
- MTBF: 50,000 hour(s)
- Altitude: 0 ~ 3000 m
- Temperature range (storage): -10 ~ 60 °C

## Miscellaneous

- On-Screen Display Languages: Arabic, English, French, German, Italian, Japanese, Polish, Spanish, Turkish, Russian, Simplified Chinese, Traditional Chinese, Danish, Dutch, Finnish, Norwegian, Portuguese, Swedish

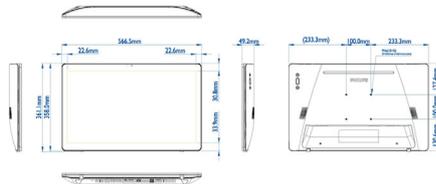
## Dimensions

- Set dimensions (W x H x D): 566.50 x 361.10 x 49.20 mm
- Product Weight: 4.7 kg
- VESA Mount: 100 x 100 M4
- Set dimensions in inch (W x H x D): 22.3 x 14.22 x 1.94 inch
- Bezel width: 22.6 mm (L/R), 30.8(T), 33.9(B)
- Product weight (lb): 10.36 lb

## Multimedia Applications

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

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