



Philips Signage Solutions  
Multi-Touch Display

24"

Powered by Android  
Multi-touch

**SignageSolutions**

24BDL4151T

## A new level of interaction

with an Android™ powered 24" touch display,

Enhance and personalize interactions with this user-friendly, 10 point touch screen

### Supreme audience interaction

- Engage clients with an interactive screen

### Innovative solutions for any signage application

- Save and play content with internal memory
- Easy install with PoE allows for data and power delivery

### Maximizing the impact of your message

- Connect and control your content via the cloud
- CMND: Take control of your displays
- Manage settings of multiple displays with CMND & Control
- Create and update content with CMND & Create

**PHILIPS**

# Highlights

## Power-over-Ethernet (PoE)

Simplify the installation with Power-over-Ethernet technology. Using this technology, power and data connectivity can be delivered over a single ethernet line. This allows for a single cable, simplified installation since there is no need for a power adapter. Displays can be installed in small, hard to reach areas, helping to ensure a more flexible and adaptable display environment. This results in saving precious installation time.

## Internal Memory

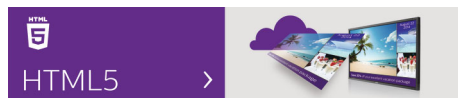


Save and play content with internal memory. Upload your media into the display and playback content immediately. Working in conjunction with the internal browser, it also serves as a memory cache when streaming online content. If the network ever fails, the internal memory keeps content running by playing a cached version of the content, ensuring that your media stays up even if the network goes down.

## Multi-touch interactivity

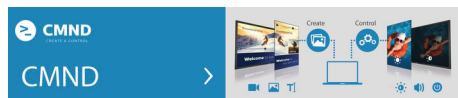
Using the power of touch, a brand new level of interactivity is available. With the projected capacitive touch technology, this 10" display offers a bezel-less front, complete with 5 simultaneous touch points. Meaning users can interact with your business in new, dynamic ways

## SmartBrowser



Connect and control your content via the cloud with the integrated HTML5 browser. Using the Chromium based browser, design your content online and connect a single display, or your complete network. Simply connect the display to the internet using WiFi or with an RJ45 cable, and enjoy your own created playlists.

## CMND



A robust display management platform, CMND puts the power back into your hands.

From content management to settings, you can control it with CMND.

## CMND & Control



With CMND & Control, easily manage multiple displays in a central location. With real time display monitoring, setting and software updates from a remote location, and the ability to customize and configure multiple displays at once, such as video wall or menu board displays, controlling your suite of displays has never been easier.

## CMND & Create



Design and create compelling content with CMND & Create, a powerful authoring tool. With a drag and drop interface, preloaded templates, and integrated widgets, you'll be able to amaze your customers with compelling content. Available in portrait and landscape mode.

# Specifications

## Picture/Display

- Diagonal screen size: 23.6 inch / 59.94 cm
- Optimum resolution: 1920 x 1080
- Brightness: 250 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 colors: 16.7 M
- Placement: Landscape (16/7), Portrait (16/7)
- Picture performance: Advanced color control

## Multi-touch Interactivity

- Multi-touch technology: Projected capacitive
- Protection glass: 1.5 mm tempered safety glass
- Touch points: 10 simultaneous touch points

## Operating system

- Operating System: Android 7.1.2

## Internal Player

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

## Camera

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

## Sound

- Built-in speakers: 2 x 2W

## Communication

- Bluetooth: 4.0 BLE
- Ethernet: 10Mbps/100Mbps/1GB /PoE
- Wi-Fi/ WLAN: On board IEEE802.11 b/g/n/ac 2.4/5 GHz
- External 4G mPCIe slot: for 4G, bluetooth, or Wi-Fi module

## Connectivity

- Other connections: micro SD, mPCIe, Micro USB x1(Firmware update)
- AV input: HDMI x1
- AV output: 3.5 mm jack (L/R) x1, HDMI x1

(Android only)

- USB: USB 2.0 x 1, USB 3.0 x 1 w/fast charging

## Convenience

- Keyboard control: Hidden, Lockable
- Other convenience: G sensor for Auto-rotation

## Power

- Mains power: DC20V±5%, 1.5A
- Standby power consumption: <0.5W
- Consumption (Typical): 25 W
- PoE (Power over Ethernet): max 60 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

- Included Accessories: AC power adapter
- Stand: photo frame (Landscape only)

## Operating conditions

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

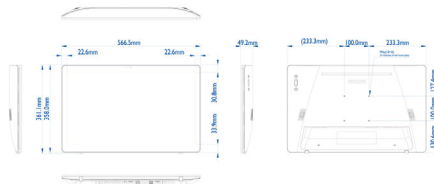
## Miscellaneous

- 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: 4.0 kg/ 8.82 lb
- 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: 22.6mm (L/R), 30.8(T), 33.9(B)

Philips 24BDL4151T  
Version 1.0  
Release Date: 2018/09/13



Issue date 2018-09-10  
Owner: Maria Ntaliani  
Version: 0.0.0

12 NC: 8670 001 53885  
EAN: 87 12581 75221 7

Test leaflet, for internal use only!  
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