

Philips Signage Solutions  
Interactive whiteboard

75"

Powered by Android  
Multi-touch

75BDL3151T



## Engage them

10-point Multi-Touch display.

Inspire collaboration. Deliver information. This responsive Philips Multi-Touch Professional 4K UHD Display is ideal for multi-finger, multi-user applications-from wayfinding to presentations. Up to 10 touch points can be active at once.

### **Versatile system solution**

- Energy-saving automatic backlight control
- OPS slot allows for PC embedding without cabling
- Internal memory. Upload content for instant play

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

- 4K UHD. Rich, deep images. Stunning contrast
- Plug-and-play 10-point Multi-Touch display
- Android SoC processor. Native and web apps
- Interactive whiteboard app

### **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

# 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 & 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.

## 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.

## OPS slot



Integrate a full-power PC or Android-powered CRD50 module directly into your Philips Professional Display. The OPS slot contains all

the connections you need to run your slot-in solution, including a power supply.

## 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.

## 4K UHD. Rich, deep images

4K UHD. Rich, deep images. Stunning contrast

## Energy-saving

Energy-saving automatic backlight control

## Interactive whiteboard app

Interactive whiteboard app

## Plug-and-play

Plug-and-play 10-point Multi-Touch display

# Specifications

## Connectivity

- Audio output: SPDIF
- Video input: Composite (RCA), HDMI, HDMI (x4), VGA(Analog D-Sub) (x2)
- Audio input: Audio Left/Right (RCA), 3.5mm jack (x2), 3.5 mm jack
- Other connections: OPS, USB power outlet (5 V, 2 amp), USB (x4), USB (x2)
- Video output: HDMI, VGA (Analog D-Sub)

## Picture/Display

- Diagonal screen size (metric): 189.3 cm
- Diagonal screen size (inch): 74.5 inch
- Aspect ratio: 16:9
- Panel resolution: 3840 x 2160
- Pixel pitch: 0.429 x 0.429 mm
- Optimum resolution: 3840 x 2160 @ 60Hz
- Brightness: 490 cd/m<sup>2</sup>
- Display colors: 1.07Billion
- Contrast ratio (typical): 1200:1
- Dynamic contrast ratio: 500,000:1
- Response time (typical): 8 ms
- Viewing angle (horizontal): 178 degree
- Viewing angle (vertical): 178 degree
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement
- Surface treatment: Anti-Glare coating
- Panel technology: IPS

## Convenience

- Placement: Landscape (18/7)
- Screen saving functions: Pixel Shift, Low Brightness
- Keyboard control: Hidden, Lockable
- Remote control signal: Lockable
- Signal loop through: IR Loophrough
- Ease of installation: Smart Insert
- Energy saving functions: Smart Power
- Other convenience: Carrying handles
- Picture performance: Advanced color control
- Network controllable: RS232, RJ45
- Memory: 8GB eMMC

## Sound

- Built-in speakers: 2 x 15W RMS

## Power

- Mains power: 100 ~ 240 VAC, 50/60Hz
- Consumption (Typical): 350 W
- Standby power consumption: <0.5W
- Power Saving Features: Smart Power
- Energy Label Class: G

## Supported Display Resolution

- Computer formats: 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, 60Hz, 640 x 480, 60, 72, 75Hz, 720 x 400, 70Hz, 800 x 600, 60, 75Hz
- Video formats: 1080p, 50, 60Hz, 1080i, 25, 30Hz, 480i, 30, 60Hz, 576i, 25, 50Hz, 720p, 50, 60Hz, 2160p, 30,50, 60Hz, 480p, 30, 60Hz, 576p, 25, 50Hz

## Dimensions

- Smart Insert mount: 100 x 200 mm
- Set Width: 1739.7 mm
- Product weight: 64.7 kg
- Set Height: 1072.8 mm
- Set Depth: 99.0 mm
- Set Width (inch): 68.49 inch
- Set Height (inch): 42.24 inch
- Wall Mount: 400(H)x400(V), M8
- Set Depth (inch): 3.90 inch
- Bezel width: 21.7 mm
- Product weight (lb): 142.64 lb

## Operating conditions

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

## Multimedia Applications

- USB Playback Video: 3GP, ASF, AVI, DAT, FLV, MKV, MOV, MP4, MPG, TS, VOB, WMV3
- USB Playback Picture: BMP, JPEG, JPG, PNG
- USB Playback Audio: AAC, M4A, MP3, WMA

## Accessories

- Included accessories: AC Power Cord, RS232 cable, USB cable, Remote Control, Batteries for remote control, Quick start guide, HDMI cable, VGA cable
- Included Accessories: OPS Android player(CRD50)

## Miscellaneous

- On-Screen Display Languages: Arabic, English, French, German, Italian, Japanese, Polish, Spanish, Turkish, Russian, Simplified Chinese, Traditional Chinese, Portuguese
- Warranty: 3 year warranty
- Regulatory approvals: CE, BSMI, CB, EPA, FCC, Class B

## Interactivity

- Multi-touch technology: Infrared touch
- Touch points: 10 simultaneous touch points
- Plug and play: HID compliant
- Protection glass: 5 mm tempered safety glass, Anti-Glare, Anti-Reflective



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