Philips Signage Solutions
Interactive whiteboard

75"
Powered by Android
Multi-touch

Signage*Solutions*

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.

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

Versatile system solution
- Energy-saving automatic backlight control
- OPS slot. Embed a full-power PC. No cabling required
- 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 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.

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 will be automatically downloaded and launched.

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.

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.

OPS slot
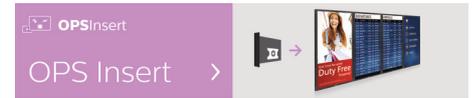
Integrate a full-power PC or Android-powered CRD50 module directly into your Philips Professional Display. The OPS slot contains all the connections you need to run your slot-in solution, including a power supply.

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.

Plug & Play
Multi-**Touch**   Smart**Power**   **ULTRA** RESOLUTION   LED

Specifications

Picture/Display

- Diagonal screen size: 74.5 inch / 189.3 cm
- Panel resolution: 3840 x 2160
- Optimum resolution: 3840 x 2160 @ 60 Hz
- Brightness: 490 cd/m²
- Contrast ratio (typical): 1200:1
- Dynamic contrast ratio: 500,000:1
- Surface treatment: Anti-Glare coating
- Aspect ratio: 16:9
- Response time (typical): 8 ms
- Pixel pitch: 0.429 x 0.429 mm
- Display colours: 1.07 billion
- Viewing Angle (H / V): 178 / 178 degree
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement
- Panel technology: IPS

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

Connectivity

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

Supported Display Resolution

- Computer formats

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

- Video formats

Resolution	Refresh rate
1080p	50, 60 Hz
1080i	25, 30 Hz
480i	30, 60 Hz
576i	25, 50 Hz
720p	50, 60 Hz
2160p	30, 50, 60 Hz
480p	30, 60 Hz
576p	25, 50 Hz

Convenience

- Placement: Landscape (18/7)

- Signal Loop Through: IR Loop through
- Network controllable: RS232, RJ45
- Picture performance: Advanced colour control
- Screen-saving functions: Pixel Shift, Low Brightness
- Keyboard control: Hidden, Lockable
- Remote control signal: Lockable
- Energy-saving functions: Smart Power
- Other convenience: Carrying handles
- Ease of installation: Smart Insert
- Memory: 8 GB eMMC

Dimensions

- Bezel width: 21.7 mm
- Set dimensions (W x H x D): 1739.7 x 1072.8 x 99.0 mm
- Set dimensions in inch (W x H x D): 68.49 x 42.24 x 3.90 inch
- VESA Mount: 400(H)x400(V), M8
- Product weight: 64.7 kg
- Product weight (lb): 142.64 lb
- Smart Insert mount: 100 x 200 mm

Sound

- Built-in speakers: 2 x 15 W RMS

Operating conditions

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

Power

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

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
- Regulatory approvals: CE, BSMI, CB, EPA, FCC, Class B
- Warranty: 3-year warranty

Multimedia Applications

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