Philips Signage Solutions
Multi-Touch Display

65"
Powered by Android
Multi-touch

**Signage**Solutions

65BDL3052T

# Engage them

## 20-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 20 touch points can be active at once.

### Superb picture. Responsive touchscreen.
• 4K UHD. Rich, deep images. Stunning contrast
• Plug-and-play 20-point Multi-Touch display
• Android SoC processor. Native and web apps

### 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

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# 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.
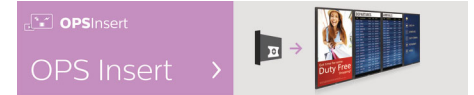
### CMND and Create



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.

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

# Specifications

## Picture/Display
- Diagonal screen size: 64.5 inch / 163.9 cm
- Panel resolution: 3840 x 2160
- Optimum resolution: 3840 x 2160 @ 60 Hz
- Brightness: 350 cd/m²
- Contrast ratio (typical): 4000:1
- Surface treatment: Anti-Glare coating
- Aspect ratio: 16:9
- Response time (typical): 8 ms
- Pixel pitch: 0.372 x 0.372 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
- Dynamic contrast ratio: 500,000:1
- Panel technology: VA
- Operating system: Android 5.0.1

## Interactivity
- Multi-touch technology: Infrared touch
- Touch points: 20 simultaneous touch points
- Plug and play: HID compliant
- Protection glass: 5 mm tempered safety glass, Anti-Glare, Anti-Reflective

## Connectivity
- Video input: HDMI (x4), VGA (Analogue D-Sub), DisplayPort
- Audio input: 3.5-mm jack
- Audio output: Audio Left/Right (RCA)
- External control: RJ45, IR (in/out) 3.5 mm jack, RS232C (in/out) 2.5 mm jack
- Other connections: USB, micro SD, micro USB, OPS, USB power outlet (5 V. 2 amp), mPCIe

## Supported Display Resolution
- Computer formats

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

- Video formats

| Resolution | Refresh rate |
|---|---|
| 1080p | 50, 60 Hz |
| 1080i | 25, 30 Hz |
| 720p | 50, 60 Hz |
| 576i | 25, 50 Hz |
| 480i | 30, 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
- Network controllable: RS232, RJ45, One Wire (HDMI-CEC), HDMI (One Wire)
- 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: 2 GB DDR3/ 8 GB eMMC
- Picture in picture: PIP

## Dimensions
- Set dimensions (W x H x D): 1475.4 x 850.4 x 101.0 mm
- Product weight: 40.58 kg
- VESA Mount: 400(H)x400(V), M6
- Bezel width: 21.0 mm
- Product weight (lb): 89.46 lb
- Set dimensions in inch (W x H x D): 58.09 x 33.48 x 3.98 inch
- Smart Insert mount: 100 x 200 mm

## Sound
- Built-in speakers: 2 x 10 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 (On mode): 186 W
- Power Saving Features: Smart Power
- Consumption (Typical): 165 W

## Accessories
- Included accessories: AC Power Cord, RS232 cable, Remote Control, Batteries for remote control, Quick start guide, HDMI cable, IR sensor cable (1.8 M)
- Stand: BM05922 (Optional)
- Included Accessories: RS232 daisy-chain cable, USB Cover and screw x 1

## 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
- Regulatory approvals: CE, FCC, Class B, UL/cUL, RoHS, CB, C-Tick, EnergyStar 7.0, GOST, BSMI, CCC, CECP, EPEAT, EUP
- Warranty: 3-year warranty

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

## Internal Player
- CPU: Quad Core Cortex A9 1.8 GHz
- GPU: ARM Mali400 Quad Core 533 MHz
- Memory: 2 GB DDR3
- Storage: 8 GB eMMC

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