

Philips Signage Solutions  
Multi-Touch Display

65"

Powered by Android  
Multi-touch

**SignageSolutions**



65BDL3552T

## Interactive classroom display

Featuring multi-touch technology

Maximise engagement and inspire collaboration with an interactive Philips T-Line display. Featuring an anti-glare toughened glass, these Android powered displays are made to withstand heavy daily usage and feature up to 20 touchpoints

### Interactive and collaborative

- Multi-touch technology capable of 20 touchpoints
- Advanced IR touch with smaller, shallower bezels
- Operate, monitor and maintain with CMND & Control

### Smart and powerful

- Anti-glare toughened glass
- OPS slot allows for PC embedding without cabling
- Whiteboard mode built-in
- Wireless screen sharing & advanced collaboration
- Android: Run your own app or choose your favorite app to run

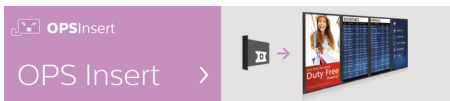
**PHILIPS**

# Highlights

## Multi-touch technology

Create a memorable interactive experience with up to 20 touchpoints at the same time. Perfect for collaborative and competitive applications, this display connects your audience with any content - making it ideal for education, public venues, corporate, hospitality, and retail settings. The touch panel is HID compliant, providing true plug-and-play operation.

## 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.

## 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.

## Whiteboard mode built-in

Inspire agile collaboration with whiteboard mode. Simply activate this feature to turn your display into a blank canvas that can be drawn on by multiple users by hand or with dedicated display markers. Everything on screen can then be captured for easy printing or file sharing.

## Wireless screen sharing

Display four feeds on the one screen. Wireless screen sharing allows you to connect multiple

devices at the same time for quick content switching when you need it. Use your existing Wi-Fi network to instantly and securely connect devices, or use our optional HDMI interact dongles to cast directly to the screen without needing to connect to your secured/protected network.

## Powered by Android

With Android OS integrated into the display, you can work with the most developed OS on the planet and save your own app directly into the display. Or, choose from the large library of Android apps and play content from there. With the built-in scheduler, you can daypart your apps and content based on your customer and time of day and with the auto orientation feature, showing content in portrait or landscape is as simple as turning the display.

# 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: 420 cd/m<sup>2</sup>
- Contrast ratio (typical): 1300:1
- Surface treatment: Anti-Glare coating
- Aspect ratio: 16:9
- Response time (typical): 9 ms
- Pixel pitch: 0.372 x 0.372 mm
- Display colors: 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: IPS
- Operating system: Android 9

## Interactivity

- Multi-touch technology: Advanced infrared touch
- Touch points: 20 simultaneous touch points
- Plug and play: HID compliant
- Protection glass: Tempered safety glass, Anti-Glare

## Connectivity

- Video input: Display Port1.2 (x1), DVI-I (x 1), HDMI 2.0 (x4), USB 2.0 (x2), USB 3.0 (x2), USB-C, HDMI 2.0 (x2)
- Audio input: 3.5mm Jack (x1)
- Audio output: 3.5mm Jack (x2)
- External control: RJ45, IR (in/out) 3.5 mm jack, RS232C (in/out) 2.5 mm jack
- Other connections: micro SD, OPS
- Video output: DisplayPort 1.2 (x1), DVI - D (x1), HDMI 2.0 (x1), USB 2.0 (x2)

## Supported Display Resolution

### Computer formats

| Resolution | Refresh rate |
|------------|--------------|
| 1024x768   | 60,70Hz      |
| 1152 x 864 | 60, 70, 75Hz |
| 1152 x 900 | 66Hz         |
| 1280 x 720 | 60,70Hz      |
| 1280 x 768 | 60Hz, 75Hz   |
| 1280 x 800 | 60,75Hz      |
| 1280 x 960 | 60Hz         |
| 1280x1024  | 60,67,75Hz   |

|             |                  |
|-------------|------------------|
| 1360 x 768  | 60Hz             |
| 1366 x 768  | 60Hz             |
| 1400 x 1050 | 60, 75Hz         |
| 1440 x 1050 | 60Hz             |
| 1440 x 900  | 60, 75Hz         |
| 1600 x 1200 | 60Hz             |
| 1600 x 900  | 60Hz             |
| 1680 x 1050 | 60Hz             |
| 1920 x 1080 | 60Hz             |
| 1920 x 1200 | 60Hz             |
| 3840 x 2160 | 24,25,30,60Hz    |
| 640 x 350   | 70Hz             |
| 640 x 480   | 60, 67, 72, 75Hz |
| 800 x 600   | 56, 60, 72, 75Hz |
| 832 x 624   | 75Hz             |
| 848 x 480   | 60Hz             |
| 960x720     | 75Hz             |

### Video formats

| Resolution | Refresh rate |
|------------|--------------|
| 1080i      | 50, 60Hz     |
| 1080p      | 50, 60Hz     |
| 480p       | 60Hz         |
| 4K x 2K    |              |
| 576p       | 50Hz         |
| 720p       | 50, 60Hz     |
| 720p       | 60Hz         |

## Convenience

- Placement: Landscape (18/7), Portrait (12/7)
- Signal loop through: IR Loophrough, DisplayPort, RS232
- Network controllable: RS232, RJ45
- Picture performance: Advanced color 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

## Dimensions

- Set dimensions (W x H x D): 1494.30 x 869.40 x 80.2mm(D@wall mount) / 106.8mm (D@speaker cover) mm
- Product weight: 43.6 kg
- VESA Mount: 400(H)x400(V), M8
- Bezel width: 16.30 mm(even)
- Product weight (lb): 96.12 lb
- Set dimensions in inch (W x H x D):

- 58.83 x 34.23 x 3.16(D@wall mount) / 4.20 (D@speaker cover) inch
- Smart Insert mount: 100mm x 100mm, 6xM4L6

## Sound

- Built-in speakers: 2 x 20W RMS

## Operating conditions

- Temperature range (operation): 0 ~ 40 °C
- Relative humidity: 20 ~ 80%(Operational), 5 - 95%(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: <0.5W
- Power Saving Features: Smart Power
- Consumption (Typical): 175 W
- Consumption (Max): 350 W
- Energy Label Class: G

## Accessories

- Included accessories: AC Power Cord, RS232 cable, Remote Control, Batteries for remote control, Quick start guide, HDMI cable, IR sensor cable (1.8M)
- Included Accessories: RS232 daisy-chain cable, Cleaning cloth (x1), DVI-D cable (1.8m), M2 Screw (x2), M3 screw (x2), Philips logo (x1), Touch Pen (x2), Touch USB (x1), USB Cover (x1)
- Optional accessories: Cast to dongle

## 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: BSMI, CB, CE, EMF, ETL, FCC, Class A, PSB, RoHS, EAC
- Warranty: 3 year warranty

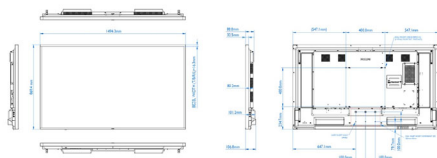
## Multimedia Applications

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

## Internal Player

- CPU: MTK5680
- Storage: 32 GB eMMC
- Wifi: AP(WC0SR2511-88112BU), STA(WCT5GM2511MT7668AU)
- GPU: DDR4 4GB
- Memory: 4GB RAM

Philips 65BDL3552T  
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Version: 13.0.1

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