

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 HE IR touch with smaller, shallower bezels
- Operate, monitor and maintain with CMND & Control

Smart and powerful

- Anti-glare toughened glass
- Android SoC processor. Native and web apps
- OPS slot allows for PC embedding without cabling
- Whiteboard mode built-in
- Wireless screen sharing & advanced collaboration

PHILIPS

Highlights

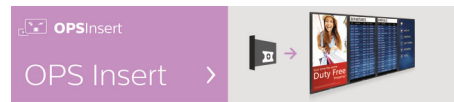
Multi-touch technology

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.

Powered by Android

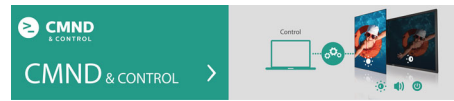
Control your display via an Internet connection. Android-powered Philips Professional Displays are optimized for native Android apps, and you can install web apps directly to the display too. A new Android OS ensures the software is kept secure and remain to the latest specification for longer.

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 up to 32 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 CastTo dongles to cast directly to the screen without needing to connect to your secured/protected network.

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): 1000:1
- Surface treatment: Anti-Glare coating
- Aspect ratio: 16:9
- Response time (typical): 8 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, Picture in Picture
- Dynamic contrast ratio: 500,000:1
- Panel technology: VA
- Operating system: Android 9

Interactivity

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

Connectivity

- Video input: HDMI (x4), VGA (Analog D-Sub), DisplayPort, USB-C, DVI
- 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, mPCIe

Supported Display Resolution

• Computer formats

Resolution	Refresh rate
3840 x 2160	25,30,50 Hz
1920 x 1080	25,30,50 Hz
1600 x 1200	60Hz
1360 x 768	60Hz
1280 x 1024	60Hz
1280 x 800	60Hz
1280 x 768	60Hz
1024 x 768	60, 75Hz
800 x 600	60, 75Hz

720 x 400	70Hz
640 x 480	60, 72, 75Hz

• Video formats

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

Convenience

- Placement: Landscape, Portrait
- Signal Loop Through: IR Loophthrough
- Network controllable: RS232, RJ45, One Wire (HDMI-CEC), HDMI (One Wire)
- 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
- Memory: 4GB DDR3/ 32GB eMMC

Dimensions

- Set dimensions (W x H x D): 1494.30 x 869.40 x 80.20(@wall mount), 106.80(@max) 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(@wall mount), 4.20(@max) inch
- Smart Insert mount: 6*M4*L6(200x100)

Sound

- Built-in speakers: 2 x 20W 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: <0.5W
- Power Saving Features: Smart Power
- Consumption (Typical): 147.6 W
- consumption(Max): 298

Accessories

- Included accessories: AC Power Cord, RS232 cable, Remote Control, Batteries for remote control, Quick start guide, HDMI cable, IR sensor cable (1.8M), USB cable
- Stand: BM05922 (Optional)
- Included Accessories: RS232 daisy-chain cable, USB Cover and screw x1, Passive stylus X2
- Optional accessories: CastTo 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: CE, FCC, Class B, UL/cUL, RoHS, CB, C-Tick, EnergyStar 7.0, GOST, BSMI, CCC, CECP, EPEAT, EUP
- Warranty: 3 year warranty

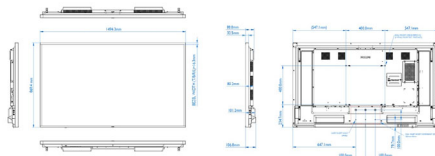
Multimedia Applications

- 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: MTK5680
- Memory: 4GB RAM
- Storage: 32 GB eMMC
- Wifi: 2G/5G 2T2R, 802.11 a/b/g/n/ac dual band

Philips 65BDL3552T
Version: 1.1
Release Date: 2019/12/20



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Version: 1.0.1

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