PHILIPS

Multi-Touch Display
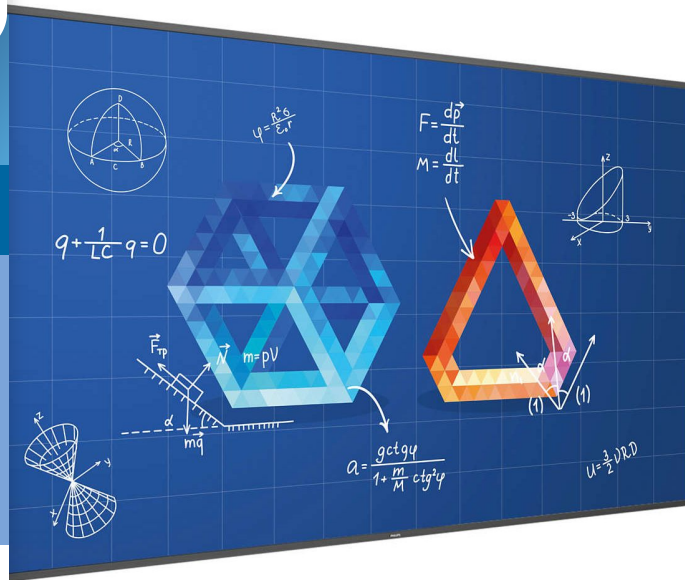
Signage Solutions

65"

Powered by Android

Multi-touch

65BDL3652T

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

Smart and powerful
- Anti-glare toughened glass
- OPS slot allows for PC embedding without cabling
- Whiteboard mode built-in
- Wireless screen sharing & advanced collaboration
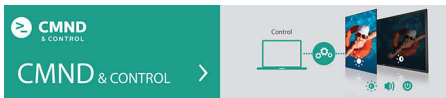- 0-gap touch frame

Interactive and collaborative
- Operate, monitor and maintain with CMND & Control
- Multi-touch technology capable of 20 touchpoints
- Advanced IR touch with smaller, shallower bezels
- Android: Run your own app or choose your favorite app to run

Highlights

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.
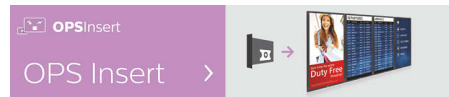
CMND & Control

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.

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.

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.

Specifications

Picture/Display

Diagonal screen size (metric): 163.9 cm
Diagonal screen size (inch): 64.5 inch
Aspect ratio: 16:9
Panel resolution: 3840 x 2160
Pixel pitch: 0.372 x 0.372 mm
Optimum resolution: 3840 x 2160 @ 60 Hz
Brightness: 420 cd/m²
Display colors: 1.07 Billion
Contrast ratio (typical): 1300:1
Dynamic contrast ratio: 500,000:1
Response time (typical): 9 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
Operating system: Android 9

Connectivity

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

Convenience

Placement: Portrait (12/7), Landscape (18/7)
Screen saving functions: Pixel Shift, Low Brightness
Keyboard control: Hidden, Lockable
Remote control signal: Lockable
Signal loop through: DisplayPort, RS232, IR Loopthrough
Ease of installation: Smart Insert
Energy saving functions: Smart Power
Other convenience: Carrying handles
Picture performance: Advanced color control
Network controllable: RS232, RJ45

Sound

Built-in speakers: 2 x 20W RMS

Power

Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
Consumption (Typical): 175 W
Consumption (Max): 350 W
Standby power consumption: <0.5W
Power Saving Features: Smart Power
Energy Label Class: G

Supported Display Resolution

Computer formats: 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, 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 900, 60, 75Hz, 1440 x 1050, 60Hz, 1600 x 900, 60Hz, 1600 x 1200, 60Hz, 1680 x 1050, 60Hz, 1920 x 1080, 60Hz, 1920 x 1200, 60Hz, 3840 x 2160, 24,25,30,60Hz
Video formats: 480p, 60Hz, 576p, 50Hz, 720p, 60Hz, 720p, 50, 60Hz, 1080i, 50, 60Hz, 1080p, 50, 60Hz, 4K x 2K

Dimensions

Smart Insert mount: 100mm x 100mm, 6xM4L6
Set Width: 1494.30 mm
Product weight: 43.6 kg
Set Height: 869.40 mm
Set Depth: 80.2mm(D@wall mount) / 106.8mm (D@speaker cover) mm
Set Width (inch): 58.83 inch
Set Height (inch): 34.23 inch
Wall Mount: 400(H)x400(V), M8
Set Depth (inch): 3.16(D@wall mount) / 4.20 (D@speaker cover) inch
Bezel width: 17.8 mm(even)
Product weight (lb): 96.12 lb

Operating conditions

Altitude: 0 ~ 3000 m
Temperature range (operation): 0 ~ 40 ℃
MTBF: 50,000 hour(s)
Relative humidity: 20 ~ 80%(Operational),5 – 95%(Storage) %
Temperature range (storage): –20 ~ 60 ℃

Multimedia Applications

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

Internal Player

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

Accessories

Included Accessories: Cleaning cloth (x1), DVI-D cable (1.8m), M2 Screw (x2), M3 screw (x2), Philips logo (x1), RS232 daisy-chain cable, Touch Pen (x2), Touch USB (x1), USB Cover (x1), AC power cord, Batteries for remote control, HDMI cable, IR sensor cable (1.8 m) (x1), Quick start guide (x1), Remote control (x1), RS232 cable
Optional accessories: Interact dongles

Miscellaneous

On-Screen Display Languages: Arabic, Dutch, Danish, English, French, Finnish, German, Italian, Japanese, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish, Simplified Chinese, Turkish, Traditional Chinese
Warranty: 5 year warranty
Regulatory approvals: CE, FCC, Class A, RoHS, CB, BSMI, EAC, EMF, PSB, ETL

Interactivity

Multi-touch technology: 0-gap Infrared touch
Touch points: 20 simultaneous touch points
Plug and play: HID compliant
Protection glass: Anti-Glare, Tempered safety glass

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