PHILIPS

E-Line Display

Signage Solutions

75"

Powered by Android

Multi-touch



75BDL4052E



Interactive education display

Featuring multi-touch technology

Inspire collaboration. Maximise engagement. This top-spec Philips E-Line touch display is powered by Android and features enhanced educational software and programs compatibility, 20 touchpoints, and a toughened anti-glare glass.

Interactive and collaborative

- Multi-touch technology capable of 20 touchpoints
- Advanced IR touch with smaller, shallower bezels
- Catch the Wave for revolutionary results

Smart and powerful

- 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
- 0-gap touch frame
- Anti-glare toughened glass 7 MOHS

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.

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.

PPDS Wave

Unlock the power, versatility and intelligence inside your Philips E-Line displays remotely with Wave. This evolutionary cloud platform puts you fully in control, with simplified installation and set-up, monitoring and controlling displays, upgrading firmware, managing playlists and setting power schedules. Saving you time, energy and environmental impact.

Specifications

Picture/Display

Diagonal screen size: 74.5 inch / 189.3 cm
Panel resolution: 3840 x 2160
Optimum resolution: 3840 x 2160 @ 60Hz
Brightness (before glass): 410 cd/m²
Brightness (after glass): 380 cd/m²
Dynamic contrast ratio: 500,000:1
Response time (typical): 8 ms
Aspect ratio: 16:9
Viewing angle (H / V): 178 / 178 degree
Pixel pitch: 0.4296 x 0.4296 mm
Display colors: 1.07Billon
Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement
Panel technology: ADS
Contrast ratio (typical): 1200:1
Operating system: Android 11
OS UI resolution: 3840 x 2160 @ 60 Hz

Supported Display Resolution

Computer formats

Resolution	Refresh rate
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
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
1440 x 900	60Hz
720 x 400	70Hz

Video formats

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

Connectivity

Video input: DVI-D (x1), HDMI 2.0 (x3), USB 2.0 (x3), USB 3.0 (x3), USB-C (up to 65W)
Audio input: 3.5 mm mini jack (x1)
Video output: HDMI 2.0 (x1)
Audio output: 3.5 mm Mini Jack (x1)
External control: IR (in/out) 3.5 mm jack, RJ45, RS232C (in/out) 2.5 mm jack
Other connections: OPS, micro SD, USB-B (x3)

Convenience

Placement: Landscape (18/7)
Screen saving functions: Pixel Shift, Low Brightness
Signal loop through: RS232, IR Loopthrough
Ease of installation: Smart Insert, AC Out
Network controllable: RS232, RJ45
Keyboard control: Lockable
Remote control signal: Lockable
Other convenience: Carrying handles

Operating conditions

Temperature range (operation): 0 ~ 40 °C
Temperature range (storage): -20 ~ 60 °C
Altitude: 0 ~ 3000 m
MTBF: 50,000 hour(s)
Humidity range (operation)[RH]: 20 ~ 80% (without condensation)
Humidity range (storage) [RH]: 5 ~ 95% (without condensation)

Power

Consumption (Typical): 190 W
Consumption (Max): 450 W
Standby power consumption: <0.5W
Mains power: 100 ~ 240 VAC, 50/60Hz
Power Saving Features: Smart Power
Energy Label Class: G

Sound

Built-in speakers: 2 x15 W

Accessories

Included Accessories: Cleaning cloth (x1), AC Power Cord, AC Switch Cover, Cable clip (x3), DVI - I Cable (1.8m) (x1), HDMI Cable (3m) (x1), IR sensor cable (1.8 m) (x1), Philips logo (x1), Quick start guide (x1), Remote control & AAA batteries, RS232 cable, RS232 daisy chain cable (x1), Touch Pen (x2), USB A to B cable (3m) (x1), USB cover and screws
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
Regulatory approvals: CE, FCC, Class A, RoHS, CB, EAC, EMF, ETL
Warranty: 5 year warranty

Multimedia Applications

USB Playback Video: H.263, H.264, H.265, MPEG1/2, MPEG4, VP8, VP9
USB Playback Picture: BMP, JPEG, PNG
USB Playback Audio: AAC, HEAAC, MPEG

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