



Philips Signage Solutions  
C-Line Display

86"

Powered by Android  
350cd/m<sup>2</sup>

**Signage**Solutions



86BDL6051C

## Interactive meeting display

high-end capacitive multi-touch technology

Maximise engagement and inspire collaboration with an interactive Philips C-Line display. These Android powered displays are made to withstand heavy daily usage, and feature up to 10 touchpoints, edge-to-edge glass and flush design.

### Interactive and collaborative

- Wireless screen sharing & advanced collaboration
- HID Capacitive Touch with USB Plug & Play
- Operate, monitor and maintain with CMND & Control

### Smart and powerful

- Anti-glare toughened glass
- Install and use your preferred apps and features
- Whiteboard mode built-in
- Fast and easy video conferencing
- Crestron Connected certified
- OPS slot allows for PC embedding without cabling
- Android SoC processor. Native and web apps

**PHILIPS**

# Highlights

## 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.

## HID Capacitive Touch

Capacitive Touch gives you the cutting edge appearance of edge to edge glass with a bezel width of just 1.5 mm! Create a memorable interactive experience with up to 10 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.

## 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.

## Fast and easy video conference

Ready to use video conferencing software makes one-to-one or group video calls easier than ever. Simply use your own camera or add the optional Logitech Meetup bundle for an all-in-one ConferenceCam solution.

## Crestron Connected certified

Integrate this Philips Professional Display to your Crestron network for full remote control

via your laptop, desktop or mobile device. Switch the display on and off, schedule content, manage settings, and easily connect external devices. Crestron Connected<sup>®</sup> provides a fast, reliable and secure enterprise level solution for system control.

## 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.

## 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.

# Specifications

## Picture/Display

- Diagonal screen size: 85.6 inch / 217.42 cm
- Panel resolution: 3840 x 2160
- Optimum resolution: 3840x 2160 @ 60Hz
- Brightness: 350 cd/m<sup>2</sup>
- Contrast ratio (typical): 1000:1
- Dynamic contrast ratio: 500,000:1
- Aspect ratio: 16:9
- Response time (typical): 8 ms
- Pixel pitch: 0.4935 (H) x 0.4935 (V) mm
- Display colors: 1.07 billion
- Viewing angle (H / V): 178 / 178 degree
- Picture enhancement: 3/2 - 2/2 motion pull down, Motion compens. deinterlacing, 3D MA deinterlacing, Dynamic contrast enhancement, Progressive scan
- Operating system: Android 9

## Connectivity

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

## Supported Display Resolution

### • Computer formats

Resolution	Refresh rate
1920 x 1200	60Hz
1920 x 1080	60Hz
1680 x 1050	60Hz
1600 x 1200	60Hz
1600 x 900	60Hz
1440 x 1050	60Hz
1440 x 900	60, 75Hz
1400 x 1050	60, 75Hz
1366 x 768	60Hz
1360 x 768	60Hz
1280x1024	60,67,75Hz
1280 x 960	60Hz
1280 x 800	60,75Hz
1280 x 768	60Hz, 75Hz
1280 x 720	60,70Hz
1152 x 900	66Hz
1152 x 864	60, 70, 75Hz
1024x768	60,70Hz
960x720	75Hz
848 x 480	60Hz
832 x 624	75Hz
800 x 600	56, 60, 72, 75Hz
720 x 400	70Hz
640 x 350	70Hz
640 x 480	60, 67, 72, 75Hz

### • Video formats

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

- UHD Formats: 3840 x 2160, 24, 25, 30, 60 Hz, 3840 x 2160, 50 Hz

## Dimensions

- Set dimensions (W x H x D): 1949.00 x 1120.00 x 77.50(@wall mount), 93.00(@max) mm
- Set dimensions in inch (W x H x D): 76.73 x 44.09 x 3.05(@wall mount), 3.66(@max) inch
- Bezel width: 1.50 mm(even)
- Product weight (lb): 172.18 lb
- Product weight: 78.1 kg

- VESA Mount: 600(H)x400(V) mm, M8
- Smart Insert mount: 6\*M4\*L6, 100mm pitch, Max. Size 180mm x 300mm

## Convenience

- Placement: Landscape, Landscape (18/7), Portrait (12/7)
- Keyboard control: Hidden, Lockable
- Signal loop through: RS232, IR Loopthrough
- Network controllable: RJ45, RS232
- Energy saving functions: Smart Power
- Screen saving functions: Pixel Shift, Low Bright
- Ease of installation: Smart Insert
- DPMS power saving system

## Power

- Standby power consumption: <0.5 W
- Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
- Consumption (Typical): 300 W
- Consumption (Max): 500 W
- Energy Label Class: G

## Operating conditions

- Temperature range (operation): 0 ~ 40 °C
- Temperature range (storage): -20 ~ 60 °C
- Relative humidity: 20 ~ 80%(operating), 5 ~95%(storage) %
- Altitude: 0 ~ 3000 m
- MTBF: 50,000 hour(s)

## Sound

- Built-in speakers: 2 x 20W RMS

## Accessories

- Included Accessories: Philips logo (x1), RS232 Daisy chain cable (x1), AAA batteries (x1), Cleaning cloth (x1), DVI - I Cable (1.8m) (x1), HDMI Cable (3m) (x1), IR sensor cable (1.8 m) (x1), M2 Screw (x2), M3 screw (x2), Power cable (x3), Quick start guide (x1), Remote control (x1), RS232 cable (3 m) (x1), Touch Pen (x2), USB A to B cable (3m) (x1), USB Cover (x1)

## Multimedia Applications

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

## Miscellaneous

- On-Screen Display Languages: English, French, German, Spanish, Polish, Turkish, Russian, Italian, Simplified Chinese, Traditional Chinese, Arabic, Japanese, Danish, Dutch, Finnish, Norwegian, Portuguese, Swedish
- Regulatory approvals: CE, RoHS, CB, CU, EAC, EMF, ETL, FCC, Class A, PSB, VCCI
- Warranty: 3 year warranty

## Internal Player

- CPU: MTK5680
- Storage: 32 GB eMMC
- Micro SD Card: Support to 1TB
- RAM: DDR4 4GB
- Wifi: AP(WC0SR2511-88112BU), STA(WCT5GM2511MT7668AU)

## Multi-touch Interactivity

- Touch points: 10 simultaneous touch points



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