



Philips Signage Solutions  
C-Line Display

86"

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

**Signage**Solutions



86BDL8051C

## Interactive meeting display

high-end capacitive multi-touch technology

Maximise engagement and inspire collaboration with an interactive Philips C-Line display. These Windows 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
- Works with iOS, Android, Windows, Mac
- HID Capacitive Touch with USB Plug & Play
- Operate, monitor and maintain with CMND & Control

### Smart and powerful

- Anti-glare toughened glass
- Powered by Windows 10
- Install and use your preferred apps and features
- Whiteboard mode built-in
- Annotate over any source and save screenshots
- Fast and easy video conferencing
- Crestron Connected certified

**PHILIPS**

# Highlights

## Wireless screen sharing

Display four feeds on the one screen. Use your existing Wi-Fi network to instantly and securely connect devices, or use the two included HDMI 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.

## Powered by Windows 10

Powerful Core i7 processor with nVidia GPU. Runs all your favorite apps like Zoom, Skype (included) and MS Teams, MS Office, (not included)

## 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.

# 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: Windows 10

## 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: 3.5mm Jack (x1)
- Audio output: 3.5mm Jack (x2)
- Other connections: micro SD, OPS
- 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 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): 175.27 lb
- Product weight: 79.5 kg

- VESA Mount: 600(H)x400(V) mm, M8
- Smart Insert mount: 6\*M4\*L6, 100mm pitch, Max. Size: 300mmx180mm

## Convenience

- Placement: Landscape, Landscape (18/7)
- 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): 460 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), Cleaning cloth (x1), DVI - I Cable (1.8m) (x1), HDMI Cable (3m) (x1), HDMI transmitter (x2), IR sensor cable (1.8 m) (x1), M2 Screw (x2), M3 screw (x2), Power cable (x3), Touch Pen (x2), USB A to B cable (3m) (x1), USB Cover (x1), AAA batteries (x1), Quick start guide (x1), Remote control (x1), RS232 cable (3 m) (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

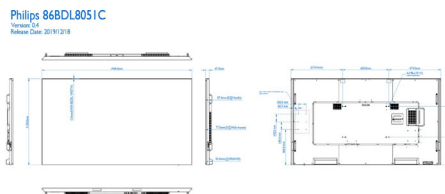
- On-Screen Display Languages: English, French, German, Spanish, Polish, Turkish, Russian, Italian, Simplified Chinese, Traditional Chinese, Arabic, Japanese, Danish, Dutch, Finnish, Norwegian, Portuguese, Swedish
- Regulatory approvals: CE, RoHS, CB, CU, EMF, FCC, Class A, ETL, PSB
- Warranty: 3 year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

## Internal Player

- CPU: Intel Core i7
- Storage: 256GB eMMC
- GPU: Nvidia GT730
- RAM: 8GB DDR4

## Multi-touch Interactivity

- Touch points: 10 simultaneous touch points



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