



## C-Line Display

## Signage Solutions

86"

Powered by Windows

350cd/m<sup>2</sup>



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.

### Smart and powerful

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

### Interactive and collaborative

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

# 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® provides a fast, reliable and secure enterprise level solution for system control.

# Specifications

## Picture/Display

**Diagonal screen size (metric):** 217.42 cm  
**Diagonal screen size (inch):** 85.6 inch  
**Aspect ratio:** 16:9  
**Panel resolution:** 3840 x 2160  
**Pixel pitch:** 0.4935 (H) x 0.4935 (V) mm  
**Optimum resolution:** 3840x 2160 @ 60Hz  
**Brightness:** 350 cd/m<sup>2</sup>  
**Display colors:** 1.07 billion  
**Contrast ratio (typical):** 1000:1  
**Dynamic contrast ratio:** 500,000:1  
**Response time (typical):** 8 ms  
**Viewing angle (horizontal):** 178 degree  
**Viewing angle (vertical):** 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

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

## Convenience

**Placement:** Landscape, Landscape (18/7)  
**Screen saving functions:** Pixel Shift, Low Bright  
**Keyboard control:** Hidden, Lockable

**Signal loop through:** RS232, IR Loopthrough

**Ease of installation:** Smart Insert  
**Energy saving functions:** Smart Power  
**Network controllable:** RJ45, RS232  
**DPMS power saving system**

## Sound

**Built-in speakers:** 2 x 20W RMS

## Power

**Mains power:** 100 ~ 240 VAC, 50 ~ 60 Hz  
**Consumption (Typical):** 300 W  
**Consumption (Max):** 460 W  
**Standby power consumption:** <0.5 W  
**Energy Label Class:** G

## Supported Display Resolution

**Computer formats:** 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:** 1080p, 50, 60Hz, 576p, 50Hz, 480p, 60Hz, 1080i, 50, 60Hz, 4K x 2K, 50, 60Hz, 720p, 50, 60Hz, 480i, 60Hz  
**UHD Formats:** 3840 x 2160, 24, 25, 30, 60 Hz, 3840 x 2160, 50 Hz

## Dimensions

**Smart Insert mount:** 6\*M4\*L6, 100mm pitch, Max.  
**Size:** 300mmx180mm  
**Set Width:** 1949 mm  
**Product weight:** 79.5 kg  
**Set Height:** 1120.00 mm  
**Set Depth:** 77.50(@wall mount), 93.00(@max) mm  
**Set Width (inch):** 76.73 inch  
**Set Height (inch):** 44.09 inch  
**Wall Mount:** 600(H)x400(V) mm, M8  
**Set Depth (inch):** 3.05(@wall mount), 3.66(@max) inch  
**Bezel width:** 1.50 mm(even)  
**Product weight (lb):** 175.27 lb

## Operating conditions

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

## Multimedia Applications

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

## Internal Player

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

## Multi-touch Interactivity

**Touch points:** 10 simultaneous touch points

## 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)

## 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  
**Warranty:** 3 year warranty  
**Regulatory approvals:** CE, RoHS, CB, CU, EMF, FCC, Class A, ETL, PSB

