**Philips Signage Solutions
C-Line Display**

86"
Powered by Windows
350 cd/m²

*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 a flush design.

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

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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 of your favourite apps like Zoom, Skype (included) and MS Teams, MS Office (not included)

CMND and Control

Run your display network over a local (LAN) connection. CMND and 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 the 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.
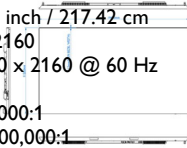
Crestron Connected certified

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.

4K ULTRA**HD**   Plug & Play Multi-**Touch**   Smart**Player**   Smart**Power**

Specifications

Picture/Display

- Diagonal screen size: 85.6 inch / 217.42 cm
- Panel resolution: 3840 x 2160
- Optimum resolution: 3840 x 2160 @ 60 Hz
- Brightness: 350 cd/m²
- 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 colours: 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 Port1.2 (x 1), HDMI 2.0 (x 4), DVI-I (x 1), USB 2.0 (x 2), USB 3.0 (x 2), USB-C
- Video output: DisplayPort 1.2 (x 1), DVI - D (x 1), HDMI 2.0 (x 2)
- Audio input: 3.5 mm Jack (x 1)
- Audio output: 3.5 mm Jack (x 2)
- Other connections: micro SD, OPS
- External control: RJ45, RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack

Specifications

Supported Display Resolution

- **Computer formats**

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

- **Video formats**

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

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

Convenience

- Placement: Landscape, Landscape (18/7)
- Keyboard control: Hidden, Lockable
- Signal loop through: RS232, IR Loop through
- 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 20 W RMS

Accessories

- Included Accessories: Philips logo (x 1), RS232 Daisy chain cable (x 1), Cleaning cloth (x 1), DVI-I Cable (1.8 m) (x 1), HDMI Cable (3 m) (x 1), HDMI transmitter (x 2), IR sensor cable (1.8 m) (x 1), M2 Screw (x 2), M3 screw (x 2), Power cable (x 3), Touch Pen (x 2), USB A to B cable (3 m) (x 1), USB Cover (x 1), AAA batteries (x 1), Quick start guide (x 1), Remote control (x 1), RS232 cable (3 m) (x 1)

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: 256 GB eMMc
- GPU: Nvidia GT730
- RAM: 8 GB DDR4

Multi-touch Interactivity

- Touchpoints: 10 simultaneous touch points

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Issue date 2023-12-25

Version: 5.1.1

12 NC: 8670 001 67654
EAN: 87 12581 76745 7

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