**Philips Signage Solutions
C-Line Display**

86"
Powered by Windows
350cd/m²

SignageSolutions

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

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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.
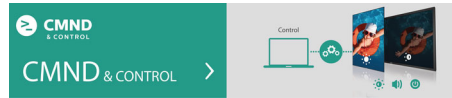
HID Capacitive Touch

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 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 for system control.

4K ULTRAHD   Plug & Play Multi-Touch   SmartPlayer   SmartPower

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/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 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 Port1.2 (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

Philips 86BDL8051C
Version: 0.4
Release Date: 20191213 18

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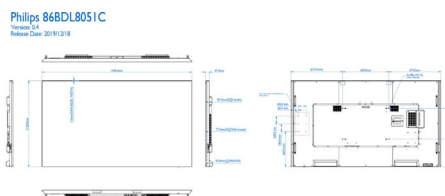
Miscellaneous
- On-Screen Display Languages: English, French, German, Spanish, Polish, Turkish, Russian, Italian, Simplified Chinese, Traditional Chinese, Arabic, Japanese, Danish, Dutch, Finnish, Norwegian, Portuguese, Swedish
- Regulatory approvals: CE, RoHS, CB, CU, EMF, FCC, Class A, ETL, PSB
- Warranty: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