



Philips Signage Solutions
C-Line Display

86"

Powered by Android
350cd/m²

SignageSolutions



86BDL8051C

Interactive meeting display

with 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® 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/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)
- 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 1.2x1, DVI-I x 1, HDMI 2.0 x4, HDMI, USB-C
- Video output: DisplayPort 1.2x1, HDMI
- Audio input: 3.5 mm jack
- Audio output: 3.5mm jack
- Other connections: OPS, SDM-L (via adapter)
- External control: RJ45, RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack
- USB: USB 2.0 x 2

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
1024 x 768	60, 75Hz
1024x768	60,70Hz
960 x 720	60,75Hz
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
1080i	50Hz
1080i	60Hz
1080p	50, 60Hz
720p	60Hz
576i	50Hz
576p	50Hz
480i	60Hz
480p	60Hz
4K x 2K	

- UHD Formats: 4096 x 2160, 24 Hz, 3840 x 2160, 24, 25, 30, 60 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): TBD lb
- Product weight: TBD kg
- VESA Mount: 600(H)x400(V) mm, M8
- Smart Insert mount: 6*M4*L6(200x100)

Convenience

- Placement: Landscape
- Keyboard control: Hidden, Lockable
- Signal Loop Through: RS232, IR Loophrough
- Network controllable: RJ45, RS232, HDMI (One Wire)
- 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): TBD W
- consumption(Max): TBD

Operating conditions

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

Sound

- Built-in speakers: 2 x 20W RMS

Accessories

- Included accessories: Quick start guide, AC Power Cord, IR sensor cable (1.8M), Remote Control & AAA Batteries
- Included Accessories: M2 screw x 3, M3 screw x 1, Philips logo, RS232 Daisy chain cable (1.8m, SD card cover x 1, Wifi dipole antenna x2, Passive stylus X2, Wireless casting dongle X2
- Optional accessories: Logitech Meetup Bundle

Multimedia Applications

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

Miscellaneous

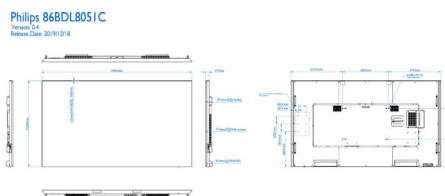
- On-Screen Display Languages: English, French, German, Spanish, Polish, Turkish, Russian, Italian, Simplified Chinese, Traditional Chinese, Arabic, Japanese, Danish, Dutch, Finnish, Norwegian, Portuguese, Swedish
- Regulatory approvals: EnergyStar 7.0, CE, FCC, Class B, UL/cUL, CCC, C-Tick, RoHS, GOST, BSMI, CB, J-Moss, PSE, VCCI
- Warranty: 3 year warranty

Internal Player

- CPU: i7
- Memory: 8GB
- Storage: 265GB SSD
- Micro SD Card: TBCGB(max.)
- Wifi: Dual band B,G,N,AC

Multi-touch Interactivity

- Touch points: 10 simultaneous touch points



Issue date 2020-06-03

Version: 0.0.0

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

Test leaflet, for internal use only!
© 2020 Koninklijke Philips N.V.
All Rights reserved.

Specifications are subject to change without notice.
Trademarks are the property of Koninklijke Philips N.V.
or their respective owners.

www.philips.com