

Philips Signage Solutions
C-Line Display

86"
Powered by Android
350 cd/m²

SignageSolutions



86BDL6051C

Interactive meeting display

high-end capacitive multi-touch technology

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

Smart and powerful

- Anti-glare toughened glass
- Install and use your preferred apps and features
- Whiteboard mode built in
- Fast and easy video conferencing
- Crestron Connected certified
- OPS slot allows for PC embedding without cabling
- Android SoC processor. Native and web apps

PHILIPS

Highlights

Wireless screen sharing

Display four feeds on the one screen. Wireless screen sharing allows you to connect multiple devices at the same time for quick content switching when you need it. Use your existing Wi-Fi network to instantly and securely connect devices or use our optional HDMI interact 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.

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.

OPS slot



Integrate a full-power PC or Android-powered CRD50 module directly into your Philips Professional Display. The OPS slot contains all the connections you need to run your slot-in solution, including a power supply.

Powered by Android

Control your display via an Internet connection. Android-powered Philips Professional Displays are optimised for native Android apps and you can install web apps directly to the display too. A new Android OS ensures the software is kept secure and stays up to date with the latest specification for longer.

4K ULTRAHD · Plug & Play Multi-Touch · SmartPlayer · SmartPower

C-Line Display
86" Powered by Android, 350 cd/m²

86BDL6051C/00

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: Android 9

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
- Audio output: 3.5 mm Jack (x 2)
- Other connections: OPS, micro SD
- 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	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

- UHD Formats: 3840 x 2160, 24, 25, 30, 60 Hz, 3840 x 2160, 50 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): 172.18 lb
- Product weight: 78.1 kg



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

Convenience
- Placement: Landscape, Landscape (18/7), Portrait (12/7)
- 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): 500 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), AAA batteries (x 1), Cleaning cloth (x 1), DVI-I Cable (1.8 m) (x 1), HDMI Cable (3 m) (x 1), IR sensor cable (1.8 m) (x 1), M2 Screw (x 2), M3 screw (x 2), Power cable (x 3), Quick start guide (x 1), Remote control (x 1), RS232 cable (3 m) (x 1), Touch Pen (x 2), USB A to B cable (3 m) (x 1), USB Cover (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, EAC, EMF, ETL, FCC, Class A, PSB, VCCI
- Warranty: 3 year warranty

Internal Player
- CPU: MTK5680
- Storage: 32 GB eMMc
- Micro SD Card: Support to 1TB
- RAM: DDR4 4 GB
- Wi-Fi: AP(WC0SR2511-88112BU), STA(WCT5GM2511MT7668AU)

Multi-touch Interactivity
- Touch points: 10 simultaneous touch points

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