



C-Line Display

- 86"
- Powered by Android
- 350cd/m²

86BDL6051C/00

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 flush design.

Benefits

Interactive and collaborative

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

Smart and powerful

- Whiteboard mode built-in
- Fast and easy video conferencing

- Crestron Connected certified
- Anti-glare toughened glass
- Install and use your preferred apps and features
- OPS slot allows for PC embedding without cabling
- Android SoC processor. Native and web apps

PHILIPS

Features

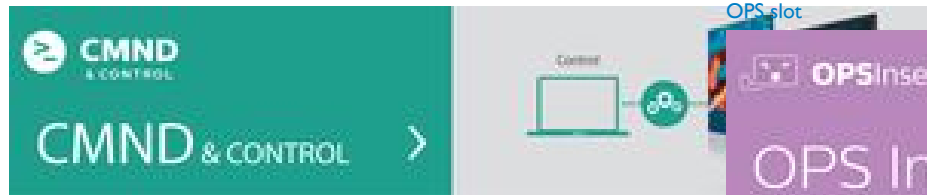
Wireless screen sharing

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 & 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

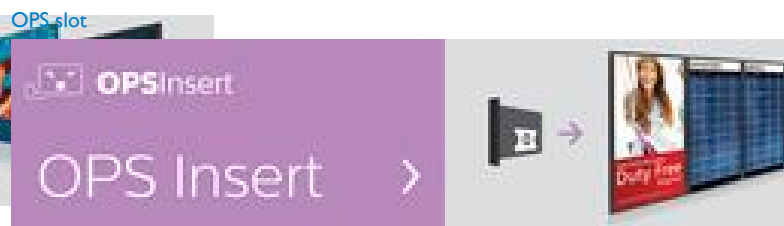
users by hand or with dedicated display markers. Everything on screen can then be captured for easy printing or file sharing.

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.



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 optimized 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 remain to the latest specification for longer.

Specifications

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Picture/Display

Diagonal screen size (inch)	85.6 inch
Diagonal screen size (metric)	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 (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	Android 9

Connectivity

Video input	Display Port1.2 (x1) HDMI 2.0 (x4) DVI-I (x 1)
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Video output	USB 2.0 (x2) USB 3.0 (x2) USB-C DisplayPort 1.2 (x1) HDMI 2.0 (x1)
Audio input	3.5 mm jack
Audio output	3.5mm Jack (x2)
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	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
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Video formats	960x720, 75Hz	HDMI Cable (3m) (x1)
	848 x 480, 60Hz	
UHD Formats	832 x 624, 75Hz	IR sensor cable (1.8 m) (x1)
	800 x 600, 56, 60, 72, 75Hz	M2 Screw (x2)
	720 x 400, 70Hz	M3 screw (x2)
	640 x 350, 70Hz	Power cable (x3)
	640 x 480, 60, 67, 72, 75Hz	Quick start guide (x1)
	1080p, 50, 60Hz	Remote control (x1)
	576p, 50Hz	RS232 cable (3 m) (x1)
	480p, 60Hz	Touch Pen (x2)
	1080i, 50, 60Hz	USB A to B cable (3m) (x1)
	4K x 2K, 50,60Hz	USB Cover (x1)
UHD Formats	720p, 50, 60Hz	
	3840 x 2160, 24, 25, 30, 60 Hz	
UHD Formats	3840 x 2160, 50 Hz	
Dimensions		
Set Width	1949.00 mm	
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	
Set Depth (inch)	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, 100mm pitch, Max. Size 180mm x 300mm	
Convenience		
Placement	Landscape (18/7)	
Keyboard control	Hidden	
Signal loop through	Lockable	
	RS232	
Network controllable	IR Loopthrough	
	DisplayPort	
Energy saving functions	RJ45	
	RS232	
Screen saving functions	Smart Power	
Ease of installation	Pixel Shift, Low Bright	
DPMS power saving system	Smart Insert	
	Yes	
Power		
Standby power consumption	<0.5 W	
Mains power Consumption (Typical)	100 ~ 240 VAC, 50 ~ 60 Hz	
Consumption (Max)	300 W	
Energy Label Class	500 W	
	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)	
	AAA batteries (x1)	
	Cleaning cloth (x1)	
	DVI - I Cable (1.8m) (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	
	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 4GB	
Wifi	AP(WC0SR2511-88112BU)	
	STA(WCT5GM2511MT7668AU)	
Multi-touch Interactivity		
Touch points	10 simultaneous touch points	



data subject to change
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