

Q-Line Display

- 86"
- Direct LED Backlight
- Ultra HD

86BDL3550Q/00

Stand out

Easy-setup 18/7 display.

Inform and enthrall with a Philips Q-Line Professional Ultra HD Display. This reliable solution can be up and running as quickly as you need.

Benefits

Effortless setup. Total control.

- Operate, monitor and maintain with CMND & Control
- OPS slot allows for PC embedding without cabling
- CMND & Create. Develop and launch your own content

Cost-effective system solution

- Integrated media player. Easily schedule USB content
- FailOver ensures content is always playing
- Easy control. Remotely manage networked displays

Smart and powerful

- Android SoC processor. Native and web apps
- Connect and control your content via the cloud

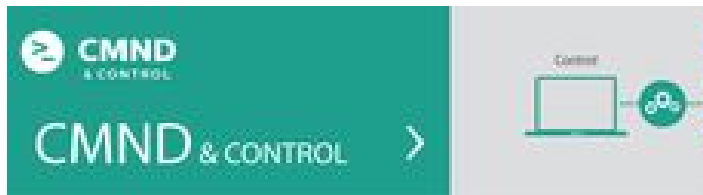
Superb picture. Ultra-high brightness.

- Ultra-HD. Rich images. Stunning contrast

PHILIPS

Features

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.

Integrated media player

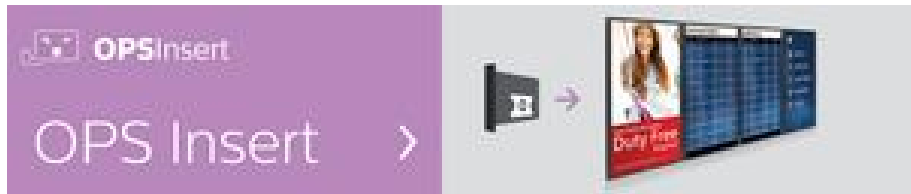
Easily schedule content to play from USB. Your Philips Professional Display will wake from standby to play the content you want, and then return to standby once playback is done.

FailOver



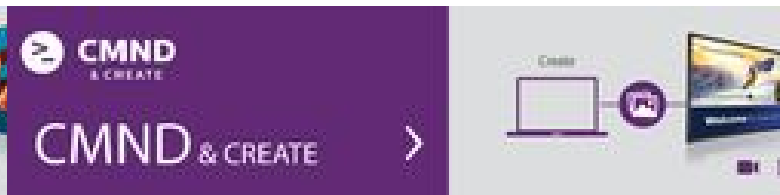
From waiting room to meeting room, never show a blank screen. FailOver lets your Philips Professional Display switch automatically between primary and secondary inputs ensuring content keeps playing even if the primary source goes down. Simply set a list of alternate inputs to be sure your business is always on.

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.

CMND & Create



Take control of your content with CMND & Create. A drag-and-drop interface makes it simple to publish your own content-whether it's a daily specials board or branded corporate information. Preloaded templates and integrated widgets ensure your stills, text, and video will be up and running in no time.

Powered by Android 8

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 8 ensures the software is kept secure and remain to the latest specification for longer.

SmartBrowser

Connect and control your content via the cloud with the integrated HTML5 browser. Using the Chromium based browser, design your content online and connect a single display, or your complete network. Show content in both landscape and portrait mode, with fullHD resolution. Simply connect the display to the internet using WiFi or with an RJ45 cable, and enjoy your own created playlists.

Specifications

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Picture/Display

Diagonal screen size (inch)	85.6 inch
Diagonal screen size (metric)	217.4 cm
Panel resolution	3840 x 2160
Optimum resolution	3840 x 2160 @ 60 Hz
Brightness	400 cd/m²
Contrast ratio (typical)	1200:1
Dynamic contrast ratio	500,000:1
Response time (typical)	8 ms
Aspect ratio	16:9
Viewing angle (horizontal)	178 degree
Viewing angle (vertical)	178 degree
Pixel pitch	0.4935 x 0.4935 mm

Display colors	1.07 Billion
Picture enhancement	3/2 - 2/2 motion pull down 3D Combfilter Motion compens. deinterlacing Progressive scan 3D MA deinterlacing Dynamic contrast enhancement
Panel technology	IPS
Clinical image	D-Image preset (dicom part 14 compatible)
Operating system	Android 8.0

Supported Display Resolution

Computer formats	1920 x 1080, 60Hz 1680 x 1050, 60Hz 1600 x 1200, 60Hz 1440 x 900, 60Hz 1280 x 1024, 60Hz 1280 x 800, 60Hz
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Video formats	1280 x 720, 60Hz
	1152 x 870, 75Hz
	1024 x 768, 60, 70, 75Hz
	800 x 600, 56, 60, 72, 75Hz
	720 x 400, 70Hz
	640 x 480, 60, 67, 72, 75Hz
	1152 x 864, 75Hz
	832 x 624, 75Hz
	3840 x 2160, 60Hz
	3840 x 2160, 30Hz
	576p, 50Hz
	576i, 50Hz
	480p, 60Hz
	480i, 60Hz
	1080p, 50, 60Hz
	1080i, 50, 60Hz
	720p, 50, 60 Hz

Connectivity

Video input	DVI-D (x1) HDMI 2.0 (x3) USB 2.0 (x2) VGA (Analog D-Sub) (x1)
Audio input	3.5 mm jack
Audio output	3.5mm jack
External control	RS232C (in/out) 2.5 mm jack IR (in/out) 3.5 mm jack RJ45
Other connections	OPS

Convenience

Keyboard control	Hidden Lockable
Network controllable	RS232 RJ45
Signal loop through	RS232 IR Loophrough
Energy saving functions	Smart Power
Remote control signal	Lockable
Tiled Matrix Placement	Up to 15 x 15 Landscape (18/7) Portrait (18/7)
Start-up	Switch on delay Switch on status Boot on source
Start-up window	enable / disable Philips logo
Ease of installation	Smart Insert

Dimensions

Bezel width	15.5 mm (Even bezel)
Set Width	1929.0 mm
Set Height	1100.0 mm
Set Depth	69.5mm(D@wall mount) / 91.8mm(D@handle) mm
Set Width (inch)	75.94 inch
Set Height (inch)	43.31 inch
Set Depth (inch)	2.74(@ wall mount)/ 3.61(@ handle) inch
Product weight	49.5 kg
Product weight (lb)	109.13 lb
Wall Mount	600 x 400 mm, M8

Operating conditions

Altitude	0 ~ 3000 m
Temperature range (operation)	0 ~ 40 °C
Temperature range (storage)	-20 ~ 60 °C
MTBF	30,000 hour(s)
Humidity range (operation)[RH]	20 ~ 80% RH (No condensation)
Humidity range (storage) [RH]	5 ~ 95% RH (No condensation)

Power

Mains power	100 - 240V~, 50/60Hz
Standby power consumption	<0.5W
Power Saving Features	Smart Power
Consumption (Max)	480 W
Consumption (Typical)	320 W
Energy Label Class	G

Sound

Built-in speakers	2 x 10W RMS
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Accessories

Included accessories	AC Power Cord RS232 cable Remote Control Batteries for remote control Quick start guide
Included Accessories	IR sensor cable (1.8 m) (x1) RS232 daisy-chain cable M3 screw (X1) M4 Screw (x1) Philips logo (x1) USB Cover (x1)

Multimedia Applications

USB Playback Video	MPEG H.264 H.263 H.265
USB Playback Picture	BMP JPEG PNG
USB Playback Audio	AAC HEAAC MPEG

Miscellaneous

Warranty	3 year warranty
On-Screen Display Languages	Simplified Chinese Traditional Chinese English French German Italian Polish Russian Spanish Turkish Japanese Arabic
Regulatory approvals	CE CB BSMI CU ETL FCC, Class A PSB VCCI

Internal Player

CPU	Dual core cortex A53 1.1G Hz Dual core cortex A73 1.15G Hz
GPU	ARM Mali G51
Memory	2GB DDR3 8GB



data subject to change
2023, June 20

Version: 6.0.1
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