



P-Line Display

- 55"
- Powered by Android
- 500cd/m²

55BDL5055P/00

Tough and capable

Robust, bright 24/7 display.

Meet the demands of challenging environments with a robust P-Line professional Full HD display. Tough components keep this display working from kitchen to engine room. The wide viewing angle ensures crucial information is clear.

Benefits

Brilliant picture. Strong build.

- Android SoC processor. Native and web apps
- D-image: clinically accurate imaging
- IPS panel: rich color consistency from every angle
- Robust metal housing

Effortless setup. Total control.

- Operate, monitor and maintain with CMND & Control
- CMND & Create. Develop and launch your own content
- CMND & Deploy. Install and launch apps remotely

- Integrated mPCIe slot for optional 4G/LTE module
- Proof of Play for Android content. Know what's playing

Robust system solution

- FailOver ensures content is always playing
- OPS slot allows for PC embedding without cabling
- Energy-saving automatic backlight control
- Integrated HTML5 browser. Play and control online content

Features

Powered by Android

Control your display via an Internet connection. Android-powered Philips Professional Displays are optimized for native Android apps, and you can

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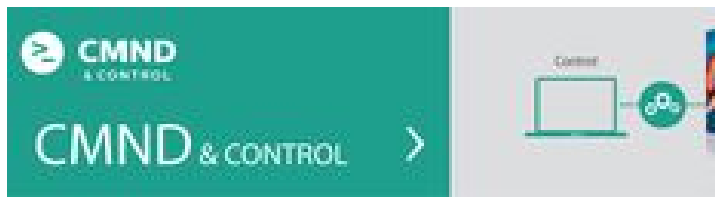
install web apps directly to the display too. A new Android OS ensures the software is kept secure and remain to the latest specification for longer.

D-image



This Philips Professional Display is factory-calibrated to meet clinical compliance standards for greyscale performance. The optimal image achieved by the display can be used to review medical images in consultation rooms or lecture theatres.

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.

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.

CMND & Deploy

Quickly install and launch any app-even when you're off-site and working remotely. CMND & Deploy lets you add and update your own apps, as well as apps from the Philips Professional Display App Store. Simply scan the QR code, log in to the store, and click on the app you want to install. The app is automatically downloaded and launched.

Integrated mPCIe slot

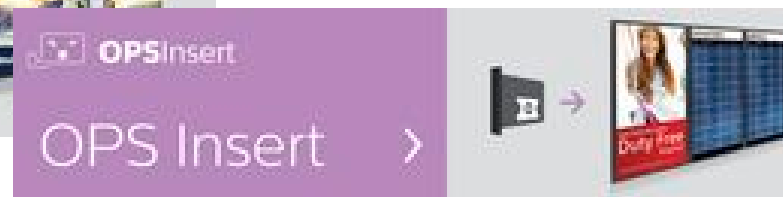
Easily connect 4G/LTE modules to your Philips professional display. The integrated mPCIe slot enables your display to communicate with other devices that share the same wireless connectivity. Invaluable if you're installing displays in locations such as banks or government buildings, where you cannot get onto the local network.

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.

Specifications

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Picture/Display

Diagonal screen size (inch)	54.64 inch
Diagonal screen size (metric)	138.8 cm
Panel resolution	1920x1080p
Optimum resolution	1920 x 1080 @ 60Hz
Brightness	500 cd/m ²
Contrast ratio (typical)	1300:1
Dynamic contrast ratio	500,000:1
Aspect ratio	16:9
Response time (typical)	8 ms
Pixel pitch	0.63 x 0.63 mm
Display colors	1.0737 billion
Viewing angle (horizontal)	178 degree
Viewing angle (vertical)	178 degree
Operating system	Android 5.1.1

Connectivity

Video input	Display Port1.2 (x1) DVI-I (x 1) HDMI 1.4 (x2) USB 2.0 (x2) USB 2.0 (x1)
Video output	DisplayPort (x1) DVI-I (x1)
Audio input	3.5 mm jack
Audio output	3.5mm jack
Other connections	OPS Micro SD (x1) Micro USB(type B)x1
External control	RJ45 RS232C (in/out) 2.5 mm jack IR (in/out) 3.5 mm jack
Optional WiFi functionality	requires WiFi module and external antennas

Supported Display Resolution

Computer formats	1024 x 768, 60, 75Hz 1280 x 1024, 60Hz 1280 x 768, 60Hz 1280 x 800, 60Hz
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	1360 x 768, 60Hz 1600 x 1200, 60Hz 1920 x 1080, 60Hz 640 x 480, 60, 72, 75Hz 720 x 400, 70Hz 800 x 600, 60, 75Hz 1080i, 25, 30Hz 1080p, 50, 60Hz 480i, 30Hz 480p, 60Hz 576i, 25Hz 576p, 50Hz 720p, 50, 60Hz		Warranty Leaflet AC Power Cord RS232 cable Edge Alignment Kit (1)-2pcs Edge Alignment Kit (2)-1pcs Philips logo (x1) Power cable (3m) RS232 Cable (3m) RS232 Daisy chain cable (x1) Thumbscrew (8pcs) RS232 daisy-chain cable BM04642/00(Optional)
Video formats		Included Accessories	
		Stand	
Dimensions		Multimedia Applications	
Set Width	1228.6 mm	USB Playback Audio	AAC M4A MP1 MP2 MP3 WMA
Set Height	699.4 mm	USB Playback Picture	BMP GIF JPEG JPG PNG
Set Depth	56.8 mm	USB Playback Video	3GP AVI DAT FLV MKV MOV MP4 MPG TS VOB WEBM
Set Width (inch)	48.4 inch		
Set Height (inch)	27.6 inch		
Set Depth (inch)	2.3 inch		
Bezel width	6.5 mm		
Product weight (lb)	55.6 lb		
Product weight	25.2 kg		
VESA Mount	400 x 400 mm, M6		
Convenience		Miscellaneous	
Placement	Landscape Portrait	On-Screen Display Languages	English French German Spanish Polish Turkish Russian Italian Simplified Chinese Traditional Chinese Arabic Japanese Danish Dutch Finnish Norwegian Portuguese Swedish
Tiled Matrix	Up to 15 x 15	Regulatory approvals	EnergyStar 7.0 CE FCC, Class B CCC BSMI CB VCCI CECP EAC PSB EMF UL/cUL
Keyboard control	Hidden Lockable	Warranty	3 year warranty
Signal loop through	IR Loopthrough DisplayPort DVI RS232 VGA		
Network controllable	RJ45 HDMI (One Wire) RS232		
Energy saving functions	Smart Power		
Screen saving functions	Pixel Shift, Low Bright		
Ease of installation	AC Out Smart Insert Carrying Handles		
Other convenience	G sensor		
Power			
Standby power consumption	<0.5 W		
Mains power Consumption (Typical)	100 ~ 240 VAC, 50 ~ 60 Hz 110 W		
Consumption (EPA 7.0)	90.93 W		
Energy Label Class	G		
Operating conditions			
Temperature range (operation)	0 ~ 40 °C		
Temperature range (storage)	-20 ~ 60 °C		
Relative humidity	20 ~ 80(operation),5 - 95(storage) %		
Altitude	0 ~ 3000 m		
MTBF	60,000 hour(s)		
Sound			
Built-in speakers	2 x 10W RMS		
Accessories		Internal Player	
Included accessories	Batteries for remote control Quick start guide Remote Control	CPU GPU Memory Storage	Octacore Cortex A53 1.5GHz PowerVR SGX6110 2GB DDR3 16GB EMMC



data subject to change
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