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.

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

Effortless setup. Total control.
- CMND & Deploy. Install and launch apps remotely
- Operate, monitor and maintain with CMND & Control
- CMND & Create. Develop and launch your own content
- Proof of Play for Android content. Know what's playing
- Integrated mPCIe slot for optional 4G/LTE module

Robust system solution
- Energy-saving automatic backlight control
- Integrated HTML5 browser. Play and control online content
- FailOver ensures content is always playing

PHILIPS

Highlights

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.

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.
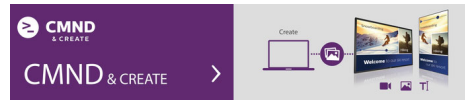
CMND & Control

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.
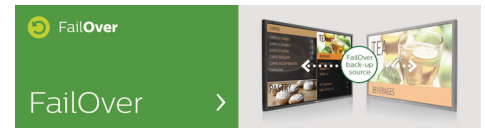
CMND & Deploy

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

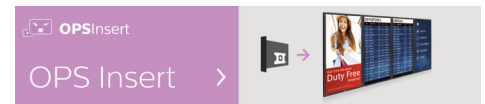Easily connect 4G/LTE modules to your Philips professional display. The integrated mPCIe slot enables your display to communicate with other devices that share the same wireless connectivity. Invaluable if you're installing displays in locations such as banks or government buildings, where you cannot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

Picture/Display
- Diagonal screen size: 54.6 inch / 138.78 cm
- Panel resolution: 1920x1080p
- Optimum resolution: 1920 x 1080 @ 60Hz
- Brightness: 700 cd/m²
- 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: 1.07 billion
- Viewing angle (H / V): 178 / 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: DVI-I (x1), DisplayPort 1.2 (x1)
- Audio input: 3.5 mm jack
- Audio output: 3.5mm jack
- Other connections: OPS, Micro SD (x1), Micro USB(type B)x1
- Optional WiFi functionality: requires WiFi module and external antennas
- 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 1080	60Hz
1360 x 768	60Hz
1280 x 800	60Hz
1280 x 768	60Hz
1024 x 768	60, 75Hz
1280 x 1024	60Hz
1600 x 1200	60Hz
640 x 480	60, 72, 75Hz
720 x 400	70Hz
800 x 600	60, 75Hz

- Video formats

Resolution	Refresh rate
1080p	50, 60Hz
720p	50, 60Hz
576p	50Hz
480p	60Hz
1080i	25, 30Hz
480I	30Hz
576i	25Hz

Dimensions
- Set dimensions (W x H x D): 1228.6 x 699.4 x 71.1 mm
- Set dimensions in inch (W x H x D): 48.4 x 27.6 x 2.80 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
- Placement: Landscape, Portrait
- Tiled Matrix: Up to 15 x 15
- Keyboard control: Hidden, Lockable
- Signal loop through: DVI, VGA, RS232, IR Loopthrough, DisplayPort
- Network controllable: RJ45, RS232, HDMI (One Wire)
- Energy saving functions: Smart Power
- Screen saving functions: Pixel Shift, Low Bright
- Ease of installation: AC Out, Carrying Handles
- Other convenience: G sensor

Power
- Standby power consumption: <0.5 W
- Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
- Consumption (Typical): 110 W
- Consumption (Max): 245 W
- Energy Label Class: G

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

Sound
- Built-in speakers: 2 x 10W RMS

Accessories
- Included accessories: Remote Control, Batteries for remote control, Quick start guide, AC Power Cord, RS232 cable

- Included Accessories: Edge Alignment Kit (1)-2pcs, Edge Alignment Kit (2)-1pcs, Logo guide, Philips logo (x1), Thumbscrew (8pcs), RS232 daisy-chain cable
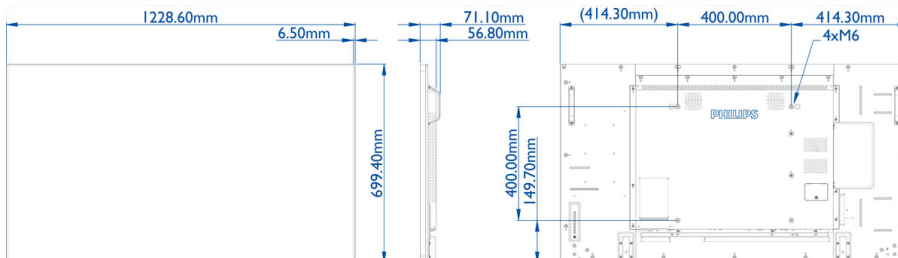- Stand: BM04642/00(optional)

Multimedia Applications
- USB Playback Audio: AAC, M4A, MP3, WMA, MP1, MP2
- USB Playback Picture: BMP, GIF, JPEG, JPG, PNG
- USB Playback Video: MKV, MP4, MPG, TS, VOB, 3GP, AVI, DAT, FLV, MOV, WEBM

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: BSMI, CB, CCC, CE, CECP, EAC, EMF, EnergyStar 7.0, PSB, UL/cUL, VCCI, FCC, Class A, PSE
- Warranty: 3 year warranty

Internal Player
- CPU: Octacore Cortex A53 1.5GHz
- GPU: PowerVR SGX6110
- Memory: 2GB DDR3
- Storage: 16GB EMMC