

Highlights

Powered by Android

With Android OS integrated into the display, you can work with the most developed OS on the planet and save your own app directly into the display. Or, choose from the large library of Android apps and play content from there. With the built-in scheduler, you can daypart your apps and content based on your customer and time of day and with the auto orientation feature, showing content in portrait or landscape is as simple as turning the display.

CMND & Control

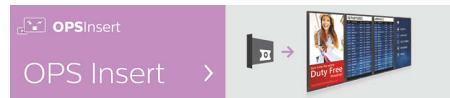


Run your display network over a local (LAN) connection. CMND & Control allows you to perform vital functions like controlling inputs and monitoring display status. Whether you're in charge of one screen or 100.

Multi-touch technology

Create a memorable interactive experience with up to 20 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. The touch panel is HID compliant, providing true plug-and-play operation.

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.

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.

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.



Specifications

Picture/Display

Diagonal screen size (metric): 217.4 cm
 Diagonal screen size (inch): 85.6 inch
 Aspect ratio: 16:9
 Panel resolution: 3840 x 2160
 Pixel pitch: 0.4935x0.4935 mm
 Optimum resolution: 3840x 2160 @ 60Hz
 Brightness: 420 cd/m²
 Display colors: 1.07 billion
 Contrast ratio (typical): 1200:1
 Dynamic contrast ratio: 500,000:1
 Response time (typical): 8 ms
 Viewing angle (horizontal): 178 degree
 Viewing angle (vertical): 178 degree
 Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement
 Surface treatment: Anti-Glare coating
 Panel technology: IPS
 Operating system: Android 9

Connectivity

Audio output: 3.5mm Jack (x2)
 Video input: Display Port1.2 (x1), DVI-I (x 1), HDMI 2.0 (x4), USB 2.0 (x2), USB 3.0 (x2), USB-C
 Audio input: 3.5mm Jack (x1)
 Other connections: OPS, micro SD
 Video output: DisplayPort 1.2 (x1), DVI - D (x1), HDMI 2.0 (x2), USB 2.0 (x2)
 External control: IR (in/out) 3.5 mm jack, RJ45, RS232C (in/out) 2.5 mm jack

Convenience

Placement: Portrait (12/7), Landscape (18/7)
 Screen saving functions: Low Bright
 Keyboard control: Hidden, Lockable
 Remote control signal: Lockable
 Signal loop through: DisplayPort, RS232, IR Loopthrough
 Ease of installation: Smart Insert
 Energy saving functions: Smart Power
 Other convenience: Carrying handles
 Picture performance: Advanced color control
 Network controllable: RS232, RJ45

Sound

Built-in speakers: 2 x 20W RMS

Power

Mains power: 100 - 240V~, 50 - 60Hz, 7.5A
 Consumption (Typical): 390 W
 Consumption (Max): 650 W
 Standby power consumption: <0.5 W
 Power Saving Features: Smart Power
 Energy Label Class: G

Supported Display Resolution

Computer formats: 640 x 350, 70Hz, 640 x 480, 60, 67, 72, 75Hz, 800 x 600, 56, 60, 72, 75Hz, 832 x 624, 75Hz, 848 x 480, 60Hz, 960x720, 75Hz, 1024x768, 60,70Hz, 1152 x 864, 60, 70, 75Hz, 1152 x 900, 66Hz, 1280 x 720, 60,70Hz, 1280 x 768, 60Hz, 75Hz, 1280 x 800, 60,75Hz, 1280 x 960, 60Hz, 1280x1024, 60,67,75Hz, 1360 x 768, 60Hz, 1366 x 768, 60Hz, 1400 x 1050 ,60, 75Hz, 1440 x 900, 60, 75Hz, 1440 x 1050, 60Hz, 1600 x 900, 60Hz, 1600 x 1200, 60Hz, 1680 x 1050, 60Hz, 1920 x 1080, 60Hz, 1920 x 1200, 60Hz, 3840 x 2160, 24,25,30,60Hz
 Video formats: 480p, 60Hz, 576p, 50Hz, 720p, 60Hz, 720p, 50, 60Hz, 1080i, 50, 60Hz, 1080p, 50, 60Hz, 4K x 2K

Dimensions

Smart Insert mount: 100mm x 100mm, 6xM4L6
 Set Width: 1961.00 mm
 Product weight: 74.3 kg
 Set Height: 1132.30 mm
 Set Depth: 80.5mm(D@wall mount) / 108.4mm(D@speaker cover) mm
 Set Width (inch): 77.20 inch
 Set Height (inch): 44.58 inch
 Wall Mount: 600(H)x400(V) mm, M8
 Set Depth (inch): 3.17(D@wall mount) / 4.27 (D@speaker cover) inch
 Bezel width: 17.8 mm(even)
 Product weight (lb): 163.8 lb

Operating conditions

Altitude: 0 ~ 3000 m
 Temperature range (operation): 0 ~ 40 °C
 MTBF: 50,000 hour(s)
 Relative humidity: 20 ~ 80%(Operational),5 - 95%(Storage) %
 Temperature range (storage): -20 ~ 60 °C

Multimedia Applications

USB Playback Video: ASF, AVI, DAT, FLV, MKV, MP4, MPEG, MPG, TS, VOB, WEBM, WMV
 USB Playback Picture: BMP, JPEG, JPG, PNG
 USB Playback Audio: AAC, M4A, MP3, WMA

Internal Player

CPU: MTK5680
 GPU: DDR4 4GB
 Memory: 4GB RAM
 Storage: 32 GB eMMC
 Wifi: AP(WC0SR2511-88112BU), STA(WCT5GM2511MT7668AU)

Accessories

Included Accessories: Cleaning cloth (x1), DVI-D cable (1.8m), M2 Screw (x2), M3 screw (x2), Philips logo (x1), RS232 daisy-chain cable, Touch Pen (x2), Touch USB (x1), USB Cover (x1), AC power cord, Batteries for remote control, HDMI cable, IR sensor cable (1.8 m) (x1), Quick start guide (x1), Remote control (x1), RS232 cable
 Optional accessories: Interact dongles

Miscellaneous

On-Screen Display Languages: Arabic, Dutch, Danish, English, French, Finnish, German, Italian, Japanese, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish, Simplified Chinese, Turkish, Traditional Chinese
 Warranty: 5 year warranty
 Regulatory approvals: CE, FCC, Class A, RoHS, CB, BSMI, EAC, EMF, PSB, ETL

Interactivity

Multi-touch technology: 0-gap Infrared touch
 Touch points: 20 simultaneous touch points
 Plug and play: HID compliant
 Protection glass: Anti-Glare, Tempered safety glass

