PHILIPS

D-Line Display

Signage Solutions

65"

Powered by Android

450cd/m²

65BDL4050D

Inform. Effortlessly

Smart, powerful 24/7 display.

Make it clear with a powerful D-Line professional FHD display. This responsive solution offers brilliant picture quality, simple control, and reliable connectivity. Even in areas that are hard to network.

Brilliant picture. Blazing processor speed.
- Android SoC processor. Native and web apps
- Full HD. Clear images. Crisp contrast
- IPS panel: rich color consistency from every angle
- Place in landscape or portrait orientation

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

Cost-effective system solution
- Energy-saving automatic backlight control
- Integrated HTML5 browser. Play and control online content
- Internal memory. Upload content for instant play

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.

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.

Proof of Play

Be sure your Android-powered Philips Professional Display is showing the right content-even when you're not there. When playing content via the embedded media player, you can set up your display to take automatic screenshots at regular intervals. Screenshots are stored on the display's internal memory, and you can choose to receive them via email.

Specifications

Picture/Display
Diagonal screen size (metric): 166.37 cm
Diagonal screen size (inch): 65.5 inch
Aspect ratio: 16:9
Panel resolution: 1920x1080p
Pixel pitch: 0.744 x 0.744 mm
Optimum resolution: 1920 x 1080 @ 60Hz
Brightness: 450 cd/m²
Display colors: 16.7 million
Contrast ratio (typical): 1100:1
Dynamic contrast ratio: 500,000:1
Response time (typical): 12 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, 3D MA deinterlacing, Dynamic contrast enhancement, Progressive scan
Operating system: Android 4.4.4

Connectivity
Audio output: Audio Left/Right (RCA), Ext. speaker cntrl (aud. out)
Video input: DisplayPort (1.2), HDMI (x2), DVI-D, USB, VGA (via DVI)
Audio input: 3.5 mm jack, Audio Left/Right (RCA)
Other connections: mPCIe, micro SD, micro USB, USB power outlet (5 V. 2 amp)
Video output: DisplayPort, DVI-I, VGA (via DVI-D)
External control: RJ45, RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack

Convenience
Placement: Landscape (24/7), Portrait (24/7)
Picture in picture: PIP
Tiled Matrix: Up to 15 x 15
Screen saving functions: Pixel Shift, Low Bright
Keyboard control: Hidden, Lockable
Signal loop through: DVI, VGA, RS232, IR Loopthrough, DisplayPort
Ease of installation: Smart Insert
Energy saving functions: Smart Power
Network controllable: RJ45, RS232, One Wire (HDMI-CEC), HDMI (One Wire)

Sound
Built-in speakers: 2 x 10W RMS

Power
Consumption (EPA 6.0): 99 W
Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
Consumption (Typical): 103 W
Standby power consumption: <0.4 W

Supported Display Resolution
Computer formats: 1920 x 1080, 60Hz, 1440 x 900, 60Hz, 1366 x 768, 60Hz, 1360 x 768, 60Hz, 1280 x 800, 60Hz, 1280 x 768, 60Hz, 1024 x 768, 60Hz, 800 x 600, 56, 60, 72, 75Hz, 640 x 480, 60, 67, 72, 75Hz
Video formats: 1080p, 50, 60Hz, 1080i, 50, 60Hz, 720p, 50, 60Hz, 576i, 50Hz, 576p, 50Hz, 480p, 60Hz, 480i, 60Hz

Dimensions
Smart Insert mount: 100 x 100 mm, 100 x 200 mm
Set Width: 1452.0 mm
Product weight: 29.8 kg
Set Height: 833.1 mm
Set Depth: 63.5 mm
Set Width (inch): 57.17 inch
Set Height (inch): 32.80 inch
Wall Mount: 400 x 400, M6
Set Depth (inch): 2.50 inch
Bezel width: 9.5 (T/L/R) 15.6 (B)
Product weight (lb): 65.7 lb

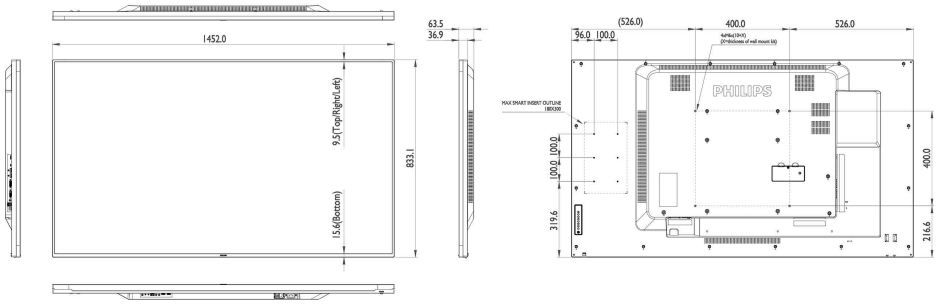
Operating conditions
Altitude: 0 ~ 3000 m
Temperature range (operation): 0 ~ 40 °C
MTBF: 50,000 hour(s)
Relative humidity: 20 ~ 80 %
Temperature range (storage): -20 ~ 60 °C

Multimedia Applications
USB Playback Video: M2TS, M4V, MK3D, MKV, MP4, MPEG, MPG, MTS, TS, TTS, VOB, WMV
USB Playback Picture: BMP, GIF, JPEG, JPG, PDF
USB Playback Audio: AAC, AIF, AIFF, M4A, MP3, WAV, WMA, ASF, LPCM, M3U, MP4

Internal Player
CPU: Quad Core Cortex A9 1.8GHz
GPU: ARM Mali400 Quad Core 533MHz
Memory: 2GB DDR3
Storage: 16GB EMMC

Accessories
Included accessories: Remote Control, Batteries for remote control, Quick start guide, RS232 cable, AC Power Cord
Optional accessories: ColourCalibrationKit (CCK4602)
Stand: Universal Stand(L)(BM05922)(Optional)

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
Warranty: 3 year warranty
Regulatory approvals: EnergyStar 7.0, CE, FCC, Class B, UL/cUL, CCC, C-Tick, RoHS, GOST, BSMI, CB, J-Moss, PSE, VCCI



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