



D-Line Display

- 65"
- Powered by Android
- 450cd/m²

65BDL4050D/00

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.

Benefits

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.

- CMND & Control. Operate, update, maintain
- 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

Cost-effective system solution

- FailOver. Ensure your display never goes blank
- Energy-saving automatic backlight control
- Integrated HTML5 browser. Play and control online content
- Internal memory. Upload content for instant play

Features

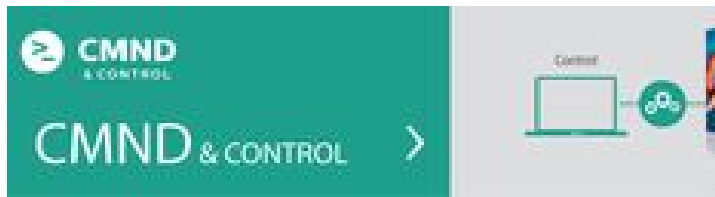
Powered by Android

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 built-in scheduler makes it easy to launch apps and content based on time of day.

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 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.



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

Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.

Picture/Display

Diagonal screen size (inch)	65.5 inch
Diagonal screen size (metric)	166.37 cm
Panel resolution	1920x1080p
Optimum resolution	1920 x 1080 @ 60Hz
Brightness	450 cd/m ²
Contrast ratio (typical)	1100:1
Dynamic contrast ratio	500,000:1
Aspect ratio	16:9
Response time (typical)	12 ms
Pixel pitch	0.744 x 0.744 mm
Display colors	16.7 million
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

Video input	DisplayPort (1.2) HDMI (x2) DVI-D USB VGA (via DVI)
Video output	DisplayPort DVI-I VGA (via DVI-D)

Audio input	3.5 mm jack Audio Left/Right (RCA) Audio Left/Right (RCA)
Audio output	Ext. speaker cntrl (aud. out)
Other connections	mPCIe micro SD micro USB USB power outlet (5 V. 2 amp)
External control	RJ45 RS232C (in/out) 2.5 mm jack IR (in/out) 3.5 mm jack

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

Set Width	1452.0 mm
Set Height	833.1 mm
Set Depth	63.5 mm
Set Width (inch)	57.17 inch
Set Height (inch)	32.80 inch
Set Depth (inch)	2.50 inch
Bezel width	9.5 (T/L/R) 15.6 (B)

Product weight (lb)	65.7 lb
Product weight	29.8 kg
VESA Mount	400 x 400, M6
Smart Insert mount	100 x 100 mm, 100 x 200 mm

WAV
WMA
ASF
LPCM
M3U
MP4
BMP
GIF
JPEG
JPG
PDF
M2TS
M4V
MK3D
MKV
MP4
MPEG
MPG
MTS
TS
TTS
VOB
WMV

Convenience

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

USB Playback Picture

USB Playback Video

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

Power

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

Operating conditions

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

Regulatory approvals

Sound

Built-in speakers	2 x 10W RMS
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Accessories

Included accessories	Remote Control Batteries for remote control Quick start guide RS232 cable AC Power Cord
Stand	BMO5922 (Optional)
Optional accessories	ColourCalibrationKit (CCK4602)

Warranty

Multimedia Applications

USB Playback Audio	AAC AIF AIFF M4A MP3
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Internal Player

CPU
GPU
Memory
Storage

Quad Core Cortex A9 1.8GHz
ARM Mali400 Quad Core 533MHz
2GB DDR3
16GB EMMC



data subject to change
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