



Philips Signage Solutions
D-Line Display

65"

Powered by Android
500cd/m²

SignageSolutions



65BDL4550D

Say more

Smart, fast 24/7 display.

Make it stand out with a fast D-Line professional 4K UHD display. Philips' superb picture quality ensures true colours and intense contrast. You can effortlessly display content from multiple sources on a single screen.

Superb picture. Blazing processor speed.

- 4K UHD. Superb picture. Clear contrast.
- Proof of Play for Android content. Know what's playing
- Integrated dual-band WiFi
- Android SoC processor. Native and web apps
- ADS wide-view panel display

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
- OPS slot allows for PC embedding without cabling
- Integrated mPCIe slot for optional 4G/LTE module

Cost-effective system solution

- FailOver ensures content is always playing
- Energy-saving automatic backlight control

PHILIPS

Highlights

ADS wide-view panel display

Be seen from any angle with ADS wide-view technology. Advanced Super Dimension Switch delivers faster on-display picture processing for smoother content transitions, remarkable image accuracy, and superior colour reproduction with 180 degree viewing.

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.

Powered by Android 8

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 8 ensures the software is kept secure and remain to the latest specification for longer.

D-Line Display
65" Powered by Android, 500cd/m²

65BDL4550D/00

Specifications

Picture/Display

- Diagonal screen size: 64.5 inch / 163.8 cm
- Panel resolution: 3840 x 2160
- Optimum resolution: 3840 x 2160 @60Hz
- Brightness: 500 cd/m²
- Contrast ratio (typical): 1200:1
- Aspect ratio: 16:9
- Response time (typical): 9 ms
- Pixel pitch: 0.372 x 0.3 72 mm
- Display colors: 1.07 Billion
- Viewing angle (H / V): 178 / 178 degree
- Operating system: Android 8.0
- Dynamic contrast ratio: 500,000:1
- Panel technology: ADS
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, 3D MA deinterlacing, Dynamic contrast enhancement, Motion compens. deinterlacing, Progressive scan

Connectivity

- Video input: Display Port 1.2 (x1), DVI-I (x 1), HDMI 2.0 (x3), USB 2.0 (x2)
- Video output: DisplayPort 1.2 (x1), HDMI 2.0 (x1)
- Audio input: 3.5 mm jack
- Audio output: 3.5mm jack
- External control: RJ45, RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack
- Other connections: OPS

Supported Display Resolution

Computer formats

Resolution	Refresh rate
1920 x 1080	60Hz
1680 x 1050	60Hz
1600 x 900	60Hz
1024 x 768	60Hz
1280 x 1024	60Hz
1280 x 720	60Hz
1440 x 900	60 Hz
3840 x 2160	30, 60Hz
640 x 480	60Hz
800 x 600	60Hz

Video formats

Resolution	Refresh rate
1080i	50, 60Hz
576p	50Hz
576i	50Hz
480p	60Hz
480i	60Hz

1080p	50, 60Hz
2160p	24, 30, 60Hz
720p	50,60 Hz

Dimensions

- Set dimensions (W x H x D): 1462.3 x 837.3 x 89.9(D@Handle)/68.9(D@Wall mount) mm
- Set dimensions in inch (W x H x D): 57.57 x 32.96 x 3.54(D@Handle)/2.71(D@Wall mount) inch
- Bezel width: 14.9 mm (Even bezel)
- Product weight (lb): 61.95 lb
- Product weight: 28.1 kg
- VESA Mount: 400mm(H) x 400mm(V), M6

Convenience

- Placement: Landscape (24/7), Portrait (24/7)
- Tiled Matrix: Up to 10 x 15
- Keyboard control: Hidden, Lockable
- Signal loop through: IR Looptrough, DisplayPort, HDMI, RS232
- Network controllable: RS232
- Screen saving functions: Pixel Shift, Low Bright
- Energy saving functions: Smart Power

Power

- Standby power consumption: <0.5 W
- Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
- Consumption (Typical): 179 W
- Consumption (Max): 309 W

Operating conditions

- Temperature range (operation): 0 ~ 40 °C
- Temperature range (storage): -20 ~ 60 °C
- Altitude: 0 ~ 3000 m
- MTBF: 50,000 hour(s)
- Humidity range (operation)[RH]: 20 - 80% RH (No condensation)
- Humidity range (storage) [RH]: 5 - 95% RH (No condensation)

Sound

- Built-in speakers: 2 x 10W RMS

Accessories

- Included accessories: AC Power Cord, RS232 cable, Quick start guide, IR sensor cable (1.8M),

Remote Control & AAA Batteries

- Included Accessories: RS232 daisy-chain cable, Philips logo, AC Switch Cover, USB Cover, Screws

Multimedia Applications

- USB Playback Audio: AAC, HEAAC, MPEG
- USB Playback Picture: BMP, JPEG, PNG
- USB Playback Video: MPEG, H.263, H.264, H.265, VP8

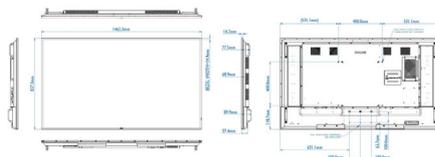
Miscellaneous

- 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: CB, CE, BSMI, CCC, FCC, Class A, PSB, RoHS, VCCI, CU, EMF, EnergyStar 8.0, ETL
- Warranty: 3 year warranty

Internal Player

- CPU: 2 x A53 + 2 x A73
- GPU: ARM Mali G51
- Memory: 3GB DDR
- Storage: 32 GB eMMC

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Revision Date: 2020/08/25



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Version: 0.0.0

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Test leaflet, for internal use only!
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