



Philips Signage Solutions
D-Line Display

65"
4K UHD
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.

Expand your viewing experience

- ADS wide-view panel display

Care about you, your business and your audience

- SmartPower for energy saving
- Keep your content up and running with FailOver
- Ensure your content is running with automatic screenshots

Maximizing the impact of your message

- Connect and control your content via the cloud

Innovative solutions for any signage application

- Save and play content with internal memory
- Enhance your connectivity with an integrated mPCIe slot.
- Android SoC processor. Native and web apps
- Integrated dual-band WiFi

PHILIPS

D-Line Display
65" 4K UHD, 500cd/m²

Highlights

Internal Memory



Save and play content with internal memory. Upload your media into the display and playback content immediately. Working in conjunction with the internal browser, it also serves as a memory cache when streaming online content. If the network ever fails, the internal memory keeps content running by playing a cached version of the content, ensuring that your media stays up even if the network goes down.

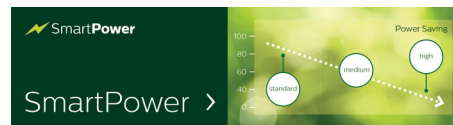
FailOver



Keeping your content up and running is critical for demanding commercial applications. While it is unlikely you will face a content disaster,

FailOver provides content protection with a revolutionary technology that plays back-up content on screen in the event of a media player failure. FailOver automatically kicks in when the primary input fails. Simply select a primary input connection and a FailOver connection and your ready for instant protection.

SmartPower



The backlight intensity can be controlled and pre-set by the system to reduce the power consumption by up to 50%, which saves substantially on energy costs.

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.

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Proof of Play

Content is king, and with the automatic screenshot feature, you can make sure that your content is up and running at all times. Screenshots are taken throughout the day, which are then stored in the FTP server. From there, the screenshots can be viewed no matter when, or where you are.

SmartBrowser



Connect and control your content via the cloud with the integrated HTML5 browser. Using the Chromium based browser, design your content online and connect a single display, or your complete network. Show content in both landscape and portrait mode, with fullHD resolution. Streaming content can also be shown in a PIP (picture-in-picture) window. Simply connect the display to the internet using WiFi or with an RJ45 cable, and enjoy your own created playlists

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
- Pixel pitch: 0.372 x 0.372 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
- Response time (typical): 8 ms

Connectivity

- Video input: HDMI 2.0 (x3), DisplayPort 1.2 (x1), DVI-I (x1), 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
- Other connections: OPS
- External control: RJ45, RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack
- WiFi: IEEE802.11 b/g/n/a/ac (Wi-Fi 5)

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
- Wall Mount: 400mm(H) x 400mm(V), M8

Convenience

- Placement: Landscape (24/7), Portrait (24/7)
- Tiled Matrix: Up to 10 x 15
- Keyboard control: Hidden, Lockable
- Signal loop through: IR Loophrough, 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% (without condensation)
- Humidity range (storage) [RH]: 5 ~ 95% (without 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, Warranty Leaflet
- Included Accessories: Philips logo (x1), AC Switch Cover, HDMI cable (1.8 m) (x1), RS232 daisy-chain cable, Screws, USB Cover (x1)

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

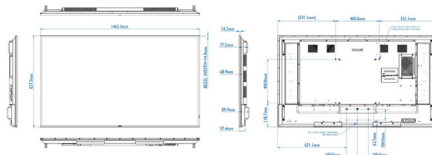
Miscellaneous

- 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, CU, EMF, FCC, Class A, PSB, RoHS, VCCI, ETL, J-Moss, PSE
- Warranty: 3 year warranty

Internal Player

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

PHILIPS 65BDL4550D
Version 1.1
Revision Date: 2020/08/25



Issue date 2022-07-14

Version: 5.2.1

12 NC: 8670 001 68927
EAN: 87 12581 76930 7

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