

Philips Signage Solutions
D-Line Display

65"
Powered by Android
500 cd/m²



65BDL4550D

Chasing innovation

powered by Android

Amaze your guests with a smarter, faster signage display. With integrated WiFi and designed for running Android apps, it's the next evolution in signage solutions

Expand your viewing experience
- ADS wide-view panel display

Innovative solutions for any signage application
- Save and play content with internal memory
- Android SoC processor. Native and web apps
- Integrated dual-band WiFi

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

Maximising the impact of your message
- CMND: Take control of your displays
- Manage settings of multiple displays with CMND & Control
- Create and update content with CMND & Create
- Connect and control your content via the cloud

PHILIPS

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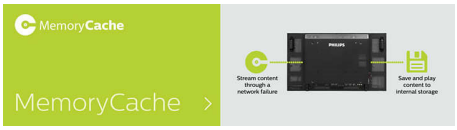
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Highlights

Powered by Android 8

Control your display via an Internet connection. Android-powered Philips Professional Displays are optimised for native Android apps and you can install web apps directly to the display too. A new Android 8 OS ensures the software is kept secure and stays up to date with the latest specification for longer.

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.

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.

FailOver



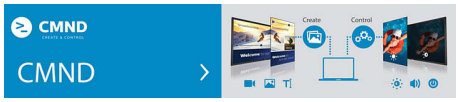
Keeping your content up and running is critical for demanding commercial applications. While it is unlikely you will face a content disaster, FailOver provides content protection with a revolutionary technology that plays back-up content on screen in the event of a media player failure. FailOver automatically kicks in when the primary input fails. Simply select a primary input connection and a FailOver connection and you're 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.

CMND



A robust display management platform, CMND puts the power back into your hands. Update and manage content with CMND & Create or control your settings with CMND & Control. It's all possible with CMND.

CMND and Create



Design and create compelling content with CMND & Create, a powerful authoring tool. With a drag and drop interface, preloaded templates, and integrated widgets, you'll be able to amaze your customers with compelling content. Available in portrait and landscape mode.

CMND and Control



With CMND & Control, easily manage multiple displays in a central location. With real time display monitoring, setting and software updates from a remote location, and the ability to customise and configure multiple displays at once, such as video wall or menu board displays, controlling your suite of displays has never been easier.

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.

Integrated dual-band WiFi

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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 either a single display or your complete network. Show content in both landscape and portrait mode, with fullHD resolution. Simply connect the display to the Internet using WiFi or with an RJ45 cable, and enjoy your own curated playlists.

MemoryCache FailOver SmartPower CMND CREATE & CONTROL CMND & CREATE CMND & CONTROL ENERGY STAR

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Specifications

Connectivity
- Audio output: 3.5 mm jack
- Video input: Display Port1.2 (x 1), DVI-I (x 1), HDMI 2.0 (x 3), USB 2.0 (x 2)
- Audio input: 3.5 mm jack
- Other connections: OPS
- Video output: DisplayPort 1.2 (x 1), HDMI 2.0 (x 1)
- External control: RJ45, RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack
- Wi-Fi: dual aerial 2,4Ghz and 5Ghz
- 4G/LTE antenna connectors: mPCIe

Picture/Display
- Diagonal screen size (metric): 163.8 cm
- Diagonal screen size (inch): 64.5 inch
- Aspect ratio: 16:9
- Panel resolution: 3840 x 2160
- Pixel pitch: 0.372 x 0.3 72 mm
- Optimum resolution: 3840 x 2160 @60 Hz
- Brightness: 500 cd/m²
- Display colours: 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, 3D MA deinterlacing, Dynamic contrast enhancement, Motion compens. deinterlacing, Progressive scan
- Panel technology: ADS
- Operating system: Android 8.0

Convenience
- Placement: Landscape (24/7), Portrait (24/7)
- Tiled Matrix: Up to 10 x 15
- Screen-saving functions: Pixel Shift, Low Bright
- Keyboard control: Hidden, Lockable
- Signal loop through: IR Loop through, DisplayPort, HDMI, RS232
- Energy-saving functions: Smart Power
- Network controllable: RS232
- WiFi protocol: a b g n, 802.1x

Sound
- Built-in speakers: 2 x 10 W RMS

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

Supported Display Resolution
- Computer formats: 1920 x 1080, 60 Hz, 1680 x 1050, 60 Hz, 1600 x 900, 60 Hz, 1024 x 768, 60 Hz, 1280 x 1024, 60 Hz, 1280 x 720, 60 Hz, 1440 x 900, 60 Hz, 3840 x 2160, 30, 60 Hz, 640 x 480, 60 Hz, 800 x 600, 60 Hz
- Video formats: 1080i, 50, 60 Hz, 576p, 50 Hz, 576i, 50 Hz, 480p, 60 Hz, 480i, 60 Hz, 1080p, 50, 60 Hz, 2160p, 24, 30, 60 Hz, 720p, 50,60 Hz

Dimensions
- Set Width: 1462.3 mm
- Product weight: 28.1 kg
- Set Height: 837.3 mm
- Set Depth: 89.9 (D@Handle)/ 68.9 (D@Wall mount) mm
- Set Width (inch): 57.57 inch
- Set Height (inch): 32.96 inch
- Wall Mount: 400 mm(H) x 400 mm(V), M8
- Set Depth (inch): 3.54 (D@Handle)/ 2.71 (D@Wall mount) inch
- Bezel width: 14.9 mm (Even bezel)
- Product weight (lb): 61.95 lb

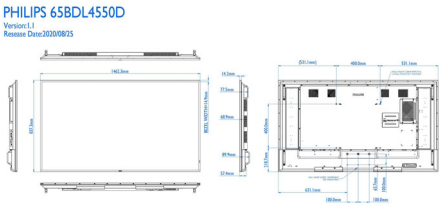
Operating conditions
- Altitude: 0 ~ 3000 m
- Temperature range (operation): 0 ~ 40 °C
- MTBF: 50,000 hour(s)
- Temperature range (storage): -20 ~ 60 °C
- Humidity range (operation)[RH]: 20–80% RH (No condensation)
- Humidity range (storage) [RH]: 5–95% RH (No condensation)

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

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

Accessories
- Included accessories: AC Power Cord, RS232 cable, Quick start guide, IR sensor cable (1.8 M), Remote Control and AAA Batteries
- Included Accessories: RS232 daisy-chain cable, Philips logo (x 1), AC Switch Cover, USB Cover (x 1), Screws

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: CB, CE, BSMI, CCC, FCC, Class A, PSB, RoHS, VCCI, CU, EMF, EnergyStar 8.0, ETL



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