Philips Signage Solutions
D-Line Display

65"
Powered by Android
500cd/m²

SignageSolutions

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

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

Maximizing 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

Care about you, your business and your audience
- Keep your content up and running with FailOver
- Ensure your content is running with automatic screenshots
- SmartPower for energy saving

Expand your viewing experience
- ADS wide-view panel display

PHILIPS

Highlights

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.

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 feauture, 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.

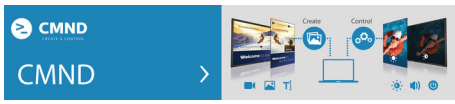
FailOver

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 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.

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 & 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 & 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 customize 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.

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. Simply connect the display to the internet using WiFi or with an RJ45 cable, and enjoy your own created playlists.

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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): 8 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 Port1.2 (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
- WiFi: dual antenna 2,4Ghz and 5Ghz

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), M8

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

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

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)

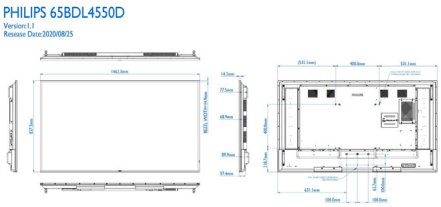
Sound
- Built-in speakers: 2 x 10W RMS

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 (x1), AC Switch Cover, USB Cover (x1), 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

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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