



Philips Signage Solutions
D-Line Display

55"

UHD (3840 x 2160)
500cd/m²



55BDL4510D

Say more

Smart, fast 24/7 display.

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

Brilliant picture. Blazing processor speed.

- Place in landscape or portrait orientation
- 4K UHD. Rich, deep images. Stunning contrast

Superb picture. Blazing processor speed.

- IPS panel: rich color consistency from every angle
- Android 7. Dedicated Android processor
- 4K UHD. Superb picture. Clear contrast.
- Proof of Play for Android content. Know what's playing
- Integrated dual-band WiFi

Cost-effective system solution

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

Effortless setup. Total control.

- Operate, monitor and maintain with CMND & Control
- Schedule what you want, when you want with SmartPlayer

PHILIPS

D-Line Display
55" UHD (3840 x 2160), 500cd/m²

Highlights

4K UHD. Superb picture

4K UHD. Superb picture. Clear contrast.

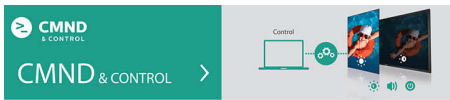
Powered by Android

Control your Philips professional display via an internet connection. The integrated Android OS (SoC) lets you install web and native Android apps directly to the display. A built-in scheduler makes it easy to launch apps and content based on time of day, or user.

IPS panel rich color

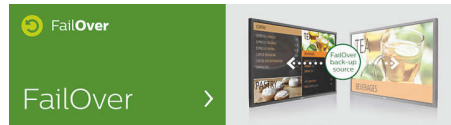
IPS panel: rich color consistency from every angle

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.

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.

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Integrated dual-band WiFi

Integrated dual-band WiFi

4K UHD. Rich, deep images

4K UHD. Rich, deep images. Stunning contrast

Energy-saving

Energy-saving automatic backlight control

Place in landscape

Place in landscape or portrait orientation

SmartPlayer



Turn your USB into a true cost effective digital signage device. Simply save your content (video, audio, pictures) on your USB and plug into your display. Create your playlist and schedule your content via the on screen menu, and enjoy your own created playlists anytime, anywhere.

Specifications

Connectivity

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

Picture/Display

- Diagonal screen size (metric): 138.7 cm
- Diagonal screen size (inch): 54.6 inch
- Aspect ratio: 16:9
- Panel resolution: 3840 x 2160
- Pixel pitch: 0.315 x 0.315 mm
- Optimum resolution: 3840 x 2160 @ 60Hz
- Brightness: 500 cd/m²
- Display colors: 1.07 Billion
- Contrast ratio (typical): 5000:1
- 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: VA

Convenience

- Placement: Landscape (24/7), Portrait (24/7)
- Screen saving functions: Pixel Shift, Low Bright
- Keyboard control: Hidden, Lockable
- Signal loop through: IR Loophthrough, DisplayPort, HDMI, RS232
- Energy saving functions: Smart Power
- Network controllable: RJ45, RS232

Sound

- Built-in speakers: 2 x 10W RMS

Power

- Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
- Consumption (Typical): 120 W
- Consumption (Max): 180 W
- Standby power consumption: 0.5 W
- Energy Label Class: G

Supported Display Resolution

- Computer formats: 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: 1080i, 50, 60Hz, 576p, 50Hz, 576i, 50Hz, 480p, 60Hz, 480i, 60Hz, 1080p, 50, 60Hz, 2160p, 24, 30, 60Hz, 720p, 50,60 Hz

Dimensions

- Set Width: 1241.8 mm
- Product weight: 16.6 kg
- Set Height: 712.6 mm
- Set Depth: 63.6 mm
- Set Width (inch): 48.89 inch
- Set Height (inch): 28.06 inch
- Wall Mount: 400 (H) x 400(V) mm, M6
- Set Depth (inch): 2.50 inch
- Bezel width: 13.9 mm (Even bezel)
- Product weight (lb): 36.60 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% (without condensation)
- Humidity range (storage) [RH]: 5 ~ 95% (without condensation)

Multimedia Applications

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

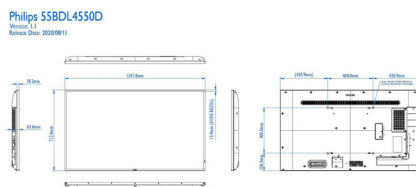
Accessories

- Included accessories: Quick start guide, RS232 cable, AC Power Cord, HDMI cable, Remote Control & AAA Batteries
- Included Accessories: AC Switch Cover, Philips logo (x1), RS232 daisy-chain cable, Screws, USB Cover (x1)
- Stand: BM05922(Optional)

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



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