

Philips Signage Solutions
D-Line Display

55"
UHD (3840 x 2160)
500cd/m²



55BDL4511D

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

Operational flexibility
- Optional OPS Slot
- SmartPower for energy saving

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

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Highlights

4K UHD. Rich, deep images

4K UHD. Rich, deep images. Stunning contrast

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.

Energy-saving

Energy-saving automatic backlight control

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.

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.

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.

Optional OPS Slot

Open Pluggable Specification is an industry standard slot in to which you can add an OPS-compatible media player. This gives you the ability to upgrade or change your hardware whenever you need. Turning your display in to an all-in-one digital signage solution has become simplicity personified.

SmartPower SmartPlayer OPS 4K Ultra HD

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Specifications

Connectivity
- Audio output: 3.5mm jack
- Video input: Display Port1.2 (x1), DVI-I (x 1), HDMI 2.0 (x2), USB 2.0 (x2)
- Audio input: 3.5 mm jack
- Other connections: OPS
- Video output: DisplayPort 1.2 (x1), HDMI 2.0 (x1)
- External control: IR (in/out) 3.5 mm jack, RJ45, RS232C (in/out) 2.5 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 × 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
- Panel technology: VA
- Haze: 25%

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

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

Power
- Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
- Consumption (Typical): 135 W
- Consumption (Max): 278 W
- Standby power consumption: 0.5 W
- Energy Label Class: G

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

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% RH (No condensation)
- Humidity range (storage) [RH]: 5 - 95% RH (No condensation)

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

Accessories
- Included Accessories: AC Switch Cover, Philips logo (x1), RS232 daisy-chain cable, AC power cord, IR sensor cable (1.8 m) (x1), Quick start guide (x1), Remote control & AAA batteries, RS232 cable, USB Cover and screw x1, Wire Clamper (x3)
- Stand: BM05922(Optional)

Miscellaneous
- On-Screen Display Languages: Arabic, Dutch, Danish, English, French, Finnish, German, Italian, Japanese, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish, Simplified Chinese, Turkish, Traditional Chinese
- Warranty: 3 year warranty
- Regulatory approvals: CE, FCC, Class A, CCC, RoHS, CB, BSMI, EMF, VCCI, PSB, ETL, CECP, EAC

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