



Philips Signage Solutions  
D-Line Display

43"

UHD (3840 x 2160)  
500cd/m<sup>2</sup>

**Signage**Solutions



43BDL4510D

## 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
- ADS wide-view panel display

### **Operational flexibility**

- SmartPower for energy saving

### **Effortless setup. Total control.**

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

### **Cost-effective system solution**

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

**PHILIPS**

# Highlights

## 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.

## 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.

## 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.

## 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.

# Specifications

## Picture/Display

- Diagonal screen size: 42.5 inch / 108.0 cm
- Panel resolution: 3840 x 2160
- Optimum resolution: 3840 x 2160 @ 60Hz
- Brightness: 500 cd/m<sup>2</sup>
- Contrast ratio (typical): 1200:1
- Dynamic contrast ratio: 500,000:1
- Aspect ratio: 16:9
- Response time (typical): 8 ms
- Pixel pitch: 0.2451 x 0.2451 mm
- Display colors: 1.07 G Billion
- Viewing angle (H / V): 178 / 178 degree
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D MA deinterlacing, Dynamic contrast enhancement, Progressive scan
- Panel technology: ADS

## Connectivity

- Video input: Display Port 1.2 (x1), DVI-I (x 1), HDMI 2.0 (x2), 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

## Supported Display Resolution

### Computer formats

| Resolution  | Refresh rate |
|-------------|--------------|
| 1920 x 1080 | 60Hz         |
| 1024 x 768  | 60Hz         |
| 1280 x 1024 | 60Hz         |
| 1280 x 720  | 60Hz         |
| 1440 x 900  | 60 Hz        |
| 1600 x 900  | 60Hz         |
| 1680 x 1050 | 60Hz         |
| 3840 x 2160 | 30, 60Hz     |
| 640 x 480   | 60Hz         |
| 800 x 600   | 60Hz         |

### Video formats

| Resolution | Refresh rate |
|------------|--------------|
| 1080i      | 50, 60Hz     |
| 576i       | 50Hz         |
| 576p       | 50Hz         |
| 480p       | 60Hz         |
| 480i       | 60Hz         |
| 1080p      | 50, 60Hz     |

|       |              |
|-------|--------------|
| 2160p | 24, 30, 60Hz |
| 720p  | 50,60 Hz     |

## Dimensions

- Set dimensions (W x H x D): 973.0 x 561.2 x 63.5 mm
- Set dimensions in inch (W x H x D): 38.31 x 22.09 x 2.50 inch
- Bezel width: 13.9 mm (Even bezel)
- Product weight (lb): 23.61 lb
- Product weight: 10.71 kg
- VESA Mount: 200 (H) x 200(V) mm, M6

## Convenience

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

## Power

- Standby power consumption: 0.5 W
- Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
- Consumption (Typical): 90 W
- Consumption (Max): 150 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: Quick start guide, RS232 cable, AC Power Cord, HDMI cable, Remote Control & AAA Batteries
- Stand: BM05922(Optional)
- Included Accessories: RS232 daisy-chain cable, Philips logo (x1), Screws, USB Cover (x1), AC

Switch Cover

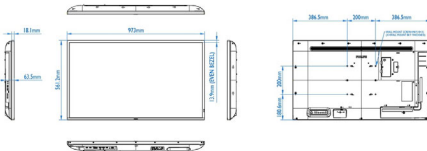
## Multimedia Applications

- 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: CE, CCC, BSMI, CB, VCCI, CU, EMF, ETL, FCC, Class A, PSB, RoHS
- Warranty: 3 year warranty

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Version: 3.0.1

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