

Philips Signage Solutions D-Line Display

**43"** UHD (3840 x 2160) 500cd/m²

# **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



# 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
- $\bullet$  Viewing angle (H / V): 178 / 178 degree
- Picture enhancement: 3/2 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, 3D MA deinterlacing, Dynamic contrast enhancement, Progressive scan
- Panel technology: ADS

### **Connectivity**

- Video input: Display Port1.2 (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  $1920 \times 1080$ 60Hz  $1024 \times 768$ 60Hz 1280 × 1024 60Hz  $1280 \times 720$ 60Hz  $1440 \times 900$ 60 Hz 1600 x 900 60Hz  $1680 \times 1050$ 60Hz  $3840 \times 2160$ 30, 60Hz 640 x 480 60Hz 60Hz  $800 \times 600$ 

• 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  $\times$  H  $\times$  D): 38.31  $\times$  22.09  $\times$  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

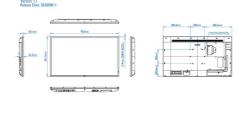
Switch Cover

# **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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