



Philips Signage Solutions  
D-Line Display

- 42"
- Direct LED Backlight
- Full HD

**Signage**Solutions

**BDL4235DL**

## Deliver your marketing messages in style

with the full HD LED Display

Maximising your content delivery whilst lowering your TCO has never been so easy or stunning. This 42" display offers gorgeous full HD picture quality with lower power consumption thanks to the direct LED backlight.

### **Optimized for public viewing**

- Full HD LED technology for brilliant images
- IPS wide view technology for image and color accuracy

### **Operational flexibility**

- Featuring HTML5 Opera browser optimized for digital signage
- Connect your display and start sharing with DLNA
- USB Media Playback
- Smart Control Software Suite
- Schedule what you want, when you want
- Many Functions. One Wire

### **Lower total cost of ownership**

- SmartPower for energy saving
- Power consumption below the industry average

**PHILIPS**

# Highlights

## Full HD LED technology

White LED's are solid state devices which light up to full, consistent brightness faster saving startup time. LED's are free from mercury content which allows for eco-friendly recycling and disposal process. LED's allow for better dimming control of LCD backlight, resulting in super high contrast ratio. It also gives superior color reproduction thanks to consistent brightness across the screen.

## IPS Display Technology

Philips IPS displays uses an advanced technology which gives you extra wide viewing angles of 178/178 degree, making it possible to view the display from almost any angle - even in portrait mode. IPS displays gives you remarkably crisp images with vivid colors, especially suitable for professional video wall and menuboard applications which demand color accuracy and consistent brightness at all times.

## Smart Control

Control and manage all of the signage displays on your network with this powerful software

tool which allows you to change the settings of your display centrally via an RJ45 or RS232 connection. Smart Control allows you to set the video input, modify the color settings, set the display's ID when creating video walls and even diagnose each display's status, giving you all the power you need to manage your displays from one central location.

## Share & Stream with DLNA

Simply share & stream content from your mobile device or media player to your display with all DLNA compliant media devices. Connect each display with an ethernet cable and manage your content real time within your local network. Simply connect your display and start sharing.

## USB Playback

Enjoy your own media playback via the USB port. Simply plug in a USB drive, and create your own signage content to convey the marketing messages you want, when you want them. With a wide range of media formats supported, this powerful media player offers an excellent picture and true flexibility.

## 24 hour scheduling function

You can freely schedule the right content at the right time to satisfy your customer information needs. Mix and manage your content over multiple video input signals as USB, VGA, DVI and HDMI. Simply create one or more play lists with the scheduling function to be in control of your content 24 hours a day, 7 days a week.

## 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.

## One Wire

Take full control of your display by running all operational commands as well as your video signal through just one single HDMI cable. This unique feature makes it so much easier and more convenient to ensure the smooth running and maintenance of your display. Consumer Electronics Control (CEC) commands make finding out vital information about your display absolute childsplay.



# Specifications

## Picture/Display

- Diagonal screen size: 41.92 inch / 106.47 cm
- Panel resolution: 1920x1080p
- Optimum resolution: 1920 x 1080 @ 60Hz
- Brightness: 400 cd/m<sup>2</sup>
- Contrast ratio (typical): 1000:1
- Dynamic contrast ratio: 500,000:1
- Response time (typical): 6 ms
- Aspect ratio: 16:9
- Viewing angle (H / V): 178 / 178 degree
- Pixel pitch: 0.4833 x 0.4833 mm
- Display colors: 16.7 Million
- Surface treatment: Anti-Glare coating
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, 3D MA deinterlacing, Dynamic contrast enhancement

## Supported Display Resolution

### • Computer formats

Resolution	Refresh rate
1920 x 1200	60Hz
1920 x 1080	60Hz
1600 x 1200	60Hz
1440 x 900	60Hz
1366 x 768	60Hz
1360 x 768	60Hz
1280 x 1024	60Hz
1280 x 800	60Hz
1280 x 768	60Hz
1024 x 768	60Hz
800 x 600	60, 72, 75Hz
640 x 480	60, 67, 72, 75Hz

### • Video formats

Resolution	Refresh rate
480i	60Hz
480p	60Hz
576p	50Hz
576i	50Hz
720p	50, 60Hz
1080i	50, 60Hz
1080p	50, 60Hz

## Connectivity

- Video input: DVI-D, HDMI, VGA (Analog D-Sub), USB, Component (RCA), Composite (RCA)
- Audio input: 3.5 mm jack, Audio Left/Right (RCA)
- Audio output: SPDIF, Audio Left/Right (RCA)
- External control: RJ45, RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack

## Convenience

- Placement: Landscape, Portrait
- Signal Loop Through: RS232, IR Loophthrough

- Network controllable: RJ45, RS232, HDMI (One Wire)
- Energy saving functions: Smart Power
- Keyboard control: Hidden, Lockable
- Other convenience: Carrying handles
- Packaging: Reusable box

## Dimensions

- Set dimensions (W x H x D): 991.6 x 584.0 x 113.9 mm
- Bezel width: 28.5 mm
- Product weight: 15.21 kg
- VESA Mount: 200 x 200 mm, 400 x 200 mm

## Operating conditions

- Temperature range (operation): 5 ~ 40 °C
- Temperature range (storage): -20 ~ 60 °C
- Relative humidity: 20 ~ 80 %
- MTBF: 50.000 hour(s)

## Power

- Mains power: 100 ~ 240 VAC, 50/60 Hz
- Consumption (On mode): 51.5 W (EnergyStar 6.0 test method)
- Standby power consumption: <0.5W

## Sound

- Built-in speakers: 2 x 7W RMS

## Multimedia Applications

- USB Playback Video: 3G2, 3GP, ASF, ASX, AVI, DAT, DivX, F4V, FLV, M2TS, M4V, MK3D, MKV, MOV, MP4, MPE, MPEG, MPG, MTS, QT, TRP, TS, TTS, VOB, WEBM, WMV, Xvid
- USB Playback Picture: BMP, GIF, JPEG, JPG
- USB Playback Audio: AAC, AC3, AIF, AIFF, AMR, EC3, M4A, MP3, OGA, OGG, WAV, WMA

## Accessories

- Included accessories: Remote Control, Batteries for remote control, AC Power Cord, VGA cable, User manual on CD-ROM, Quick start guide, RS232 cable
- Stand: BM04642 (Optional)

## Miscellaneous

- On-Screen Display Languages: English, French, German, Spanish, Polish, Turkish, Russian, Simplified Chinese, Italian, Traditional Chinese
- Regulatory approvals: CE, FCC, Class B, UL/cUL, CCC, C-Tick, RoHS, GOST, BSMI, CB
- Warranty: 3 year warranty



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