Philips Signage Solutions
D-Line Display

42"
Direct LED Backlight
Full HD

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.

Lower total cost of ownership
- SmartPower for energy saving
- Power consumption below the industry average

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

Operational flexibility
- Many Functions. One Wire
- Smart Control Software Suite
- Connect and control your content via the cloud with HTML5
- Connect your display and start sharing with DLNA
- USB Media Playback
- Schedule what you want, when you want

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.

SmartBrowser

Connect and control your content via the cloud with the integrated HTML5 browser. Design your signage content online and connect it with a display or with your complete network. Simply plug in a RJ45 internet cable for network connection, connect the display with the dedicated url-address and you are ready to play your cloud based content.

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.

Lower power consumption

Reduction of the electrical power required to operate a device.

Specifications

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

Picture/Display
- Diagonal screen size (metric): 106.47 cm
- Diagonal screen size (inch): 41.92 inch
- Aspect ratio: 16:9
- Panel resolution: 1920x1080p
- Pixel pitch: 0.4833 x 0.4833 mm
- Optimum resolution: 1920 x 1080 @ 60Hz
- Brightness: 400 cd/m²
- Display colors: 16.7 Milion
- Contrast ratio (typical): 1000:1
- Dynamic contrast ratio: 500,000:1
- Response time (typical): 6 ms
- Viewing angle (horizontal): 178 degree
- Viewing angle (vertical): 178 degree
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, 3D MA deinterlacing, Dynamic contrast enhancement
- Surface treatment: Anti-Glare coating

Convenience
- Placement: Landscape, Portrait
- Keyboard control: Hidden, Lockable
- Signal loop through: RS232, IR Loopthrough
- Energy saving functions: Smart Power
- Other convenience: Carrying handles
- Network controllable: RJ45, RS232, HDMI (One Wire)
- Packaging: Reusable box

Sound
- Built-in speakers: 2 x 7W RMS

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

Supported Display Resolution
- Computer formats: 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: 480i, 60Hz, 480p, 60Hz, 576p, 50Hz, 576i, 50Hz, 720p, 50, 60Hz, 1080i, 50, 60Hz, 1080p, 50, 60Hz

Dimensions
- Set Width: 991.6 mm
- Product weight: 15.21 kg
- Set Height: 584.0 mm
- Set Depth: 113.9 mm
- Wall Mount: 200 x 200 mm, 400 x 200 mm
- Bezel width: 28.5 mm

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

Multimedia Applications
- USB Playback Video: 3G2, 3GP, ASF, ASX, AVI, DAT, 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
- Warranty: 3 year warranty
- Regulatory approvals: CE, FCC, Class B, UL/cUL, CCC, C-Tick, RoHS, GOST, BSMI, CB