Philips Signage Solutions
D-Line Display

42"
Direct LED Backlight
Full HD

SignageSolutions

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.

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

Operational flexibility
- Featuring HTML5 Opera browser optimised 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 the LCD backlight, resulting in a super high contrast ratio. It also gives superior colour 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 degrees, making it possible to view the display from almost any angle — even in portrait mode. IPS displays give you remarkably crisp images with vivid colours, particularly suitable for professional video wall and menu board applications, which demand colour 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 colour 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.

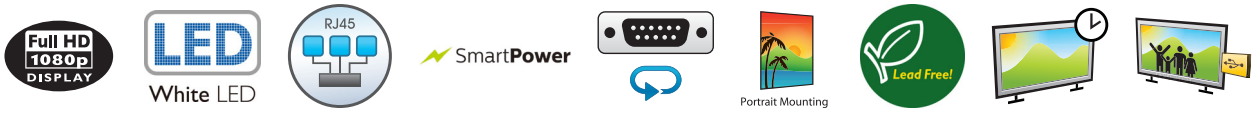
Share and Stream with DLNA
Simply share and stream content from your mobile device or media player to your display with all DLNA compliant media devices. Connect each display with an ethernet cable and manage your content in real time within your local network. Simply connect your display and start sharing.

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 such as USB, VGA, DVI and HDMI. Simply create one or more playlists 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 child's play.



Specifications

Picture/Display
- Diagonal screen size: 41.92 inch / 106.47 cm
- Panel resolution: 1920 x 1080p
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 400 cd/m²
- 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 colours: 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	60 Hz
1920 x 1080	60 Hz
1600 x 1200	60 Hz
1440 x 900	60 Hz
1366 x 768	60 Hz
1360 x 768	60 Hz
1280 x 1024	60 Hz
1280 x 800	60 Hz
1280 x 768	60 Hz
1024 x 768	60 Hz
800 x 600	60, 72, 75 Hz
640 x 480	60, 67, 72, 75 Hz

- Video formats

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

Connectivity
- Video input: DVI-D, HDMI, VGA (Analogue 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 Loop through
- 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: <0.5 W

Sound
- Built-in speakers: 2 x 7 W 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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