

Philips

D-Line Display

- 42"
- Direct LED Backlight
- Full HD

BDL4235DL/00

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.

Benefits

Optimised for public viewing

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

Operational flexibility

- Smart Control Software Suite
- Featuring HTML5 Opera browser optimised for digital signage
- Connect your display and start sharing with DLNA
- USB Media Playback
- 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

Features

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

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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

Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.

Picture/Display

Diagonal screen size (inch)	41.92 inch
Diagonal screen size (metric)	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 (horizontal)	178 degree
Viewing angle (vertical)	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	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	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 Width	991.6 mm
Set Height	584.0 mm
Set Depth	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

data subject to change
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