Philips Signage Solutions
Q-Line Display

42"
Edge LED Backlight
Full HD

SignageSolutions

BDL4220QL





Intensify your signage experience

with priceless smart performance

Deliver startlingly clear images in a more eco-friendly way with the edge LED display. High on performance and reliability, yet low on power consumption, it is ideal for projects where no compromise is accepted.

Optimised for public viewing
- Full HD LED technology for brilliant images
- AMVA for wide-view super-high contrast, vivid images

Operational flexibility
- Featuring HTML5 Opera browser optimised for digital signage
- Connect your display and start sharing with DLNA
- Smart Control Software Suite
- Schedule what you want, when you want
- USB Media Playback

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

Sustainable and safe
- 3-year warranty
- Complies with RoHS standards of care for the environment

PHILIPS

Highlights

AMVA Display Technology

Philips AMVA LED display uses an advanced multi-domain vertical alignment technology which gives you super-high static contrast ratios for extra vivid and bright images. While standard applications are handled with ease, it is especially suitable for graphical demanding applications. Its optimised pixel management technology gives you a 178/178 degree extra wide viewing angle, resulting in crisp images.

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.
















Q-Line Display
42" Edge LED Backlight, Full HD

BDL4220QL/00

Specifications

Picture/Display
- Diagonal screen size: 42 inch / 106.7 cm
- Panel resolution: 1920 x 1080p
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 350 cd/m²
- Contrast ratio (typical): 3000:1
- Response time (typical): 6.5 ms
- Aspect ratio: 16:9
- Viewing Angle (H / V): 178 / 178 degree
- Pixel pitch: 0.16 x 0.48 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, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
640 x 480	60, 67, 72, 75 Hz
800 x 600	56, 60, 72, 75 Hz
1024 x 768	60 Hz
1280 x 768	60 Hz
1280 x 800	60 Hz
1360 x 768	60 Hz
1366 x 768	60 Hz
1440 x 900	60 Hz
1920 x 1080	60 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
- Screen-saving functions: Pixel Shift, Low Brightness
- Keyboard control: Hidden
- Network controllable: RS232
- Signal Loop Through: RS232

Dimensions
- Set dimensions (W x H x D): 980.4 x 572.9 x 38.5 mm
- Bezel width: 19.7 mm
- Product weight: 11.9 kg
- VESA Mount: 400 x 400 mm
- Box dimensions (W x H x D): 1070.0 x 727.0 x 148.0 mm
- Weight incl. Packaging: 15.3 kg

Operating conditions
- Temperature range (operation): 0 ~ 40 °C
- Temperature range (storage): -20 ~ 60 °C
- Relative humidity: 20 ~ 80 %
- MTBF: 50,000 hour(s)

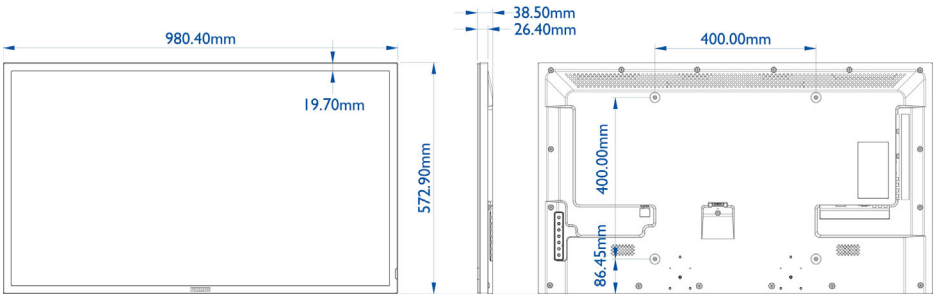
Power
- Mains power: 100 ~ 240 VAC
- Consumption (On mode): 55 W (EnergyStar 6.0 test method)
- Standby power consumption: <0.5 W

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

Accessories
- Included accessories: AC Power Cord, RS232 cable, VGA cable, Remote Control, Batteries for remote control, User manual on CD-ROM, Quick start guide
- Stand: BM02542

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

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



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