

Philips

Q-Line Display

- 42"
- Edge LED Backlight
- Full HD

BDL4220QL/00

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.

Benefits

Optimised for public viewing

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

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

Lower total cost of ownership

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

Sustainable and safe

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

Features

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

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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.

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 (metric)	106.7 cm
Diagonal screen size (inch)	42 inch
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 (horizontal)	178 degree
Viewing angle (vertical)	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	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	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 Width	980.4 mm
Set Height	572.9 mm
Set Depth	38.5 mm
Bezel width	19.7 mm
Product weight	11.9 kg
VESA Mount	400 x 400 mm
Box width	1070.0 mm
Box height	727.0 mm
Box depth	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

data subject to change
2015, May 29

Version: 3.0.1
EAN: 8712581698584

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