Philips Signage Solutions
Q-Line Display

55"
Edge LED Backlight
Full HD

SignageSolutions

BDL5520QL

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.

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

Operational flexibility
- Featuring HTML5 Opera browser optimized 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 to care for the environment

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.

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.

Compliant with RoHS standards

Philips designs and produces display products in compliance with strict Restriction of Hazardous Substances (RoHS) standards that restrict lead and other toxic substances that can harm the environment.

Specifications

Picture/Display

- Diagonal screen size (inch): 55 inch
- Panel resolution: 1920x1080p
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 350 cd/m²
- Contrast ratio (typical): 1400:1
- Dynamic contrast ratio: 7000:1
- Response time (typical): 8 ms
- Aspect ratio: 16:9
- Viewing angle (H / V): 178 / 178 degree
- Pixel pitch: 0.21 x 0.63 mm
- Display colors: 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, 75Hz
800 x 600	56, 60, 72, 75Hz
1024 x 768	60Hz
1280 x 768	60Hz
1280 x 800	60Hz
1360 x 768	60Hz
1366 x 768	60Hz
1440 x 900	60Hz
1600 x 1200	60Hz
1920 x 1080	60Hz
1920 x 1200	60Hz

- Video formats

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

Connectivity

- Video input: DVI-D, HDMI, VGA (Analog 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): 1264.7 x 735.5 x 42.8 mm
- Bezel width: 23.95 mm
- Product weight: 17.9 kg
- VESA Mount: 400 x 400 mm
- Box dimensions (W x H x D): 1381.0 x 874.0 x 157.0 mm
- Weight incl. Packaging: 25.1 kg

Operating conditions

- Temperature range (operation): 0 - 40 °C
- Relative humidity: 5 - 90 %
- MTBF: 50,000 hour(s)

Power

- Consumption (On mode): 100 W
- Standby power consumption: <0.5 W

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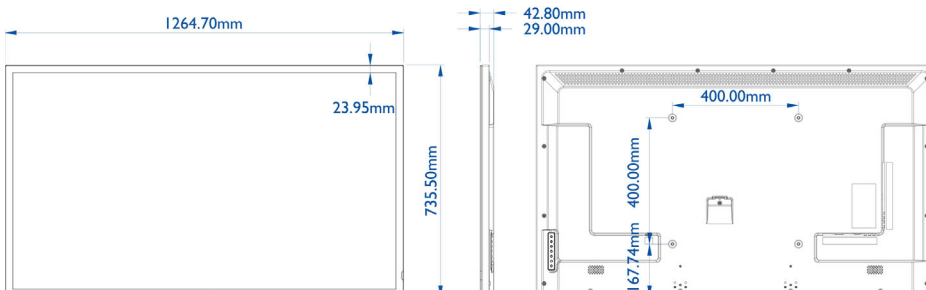
- Built-in speakers: 2 x 7W RMS

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: Optional

Miscellaneous

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

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

1264.70mm

23.95mm

735.50mm

42.80mm
29.00mm

400.00mm

400.00mm

167.74mm

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