Philips Signage Solutions
Q-Line Display

55"
Direct LED Backlight
Ultra HD

55BDL3010Q

Intensify your signage experience

with priceless smart performance

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

Innovative solutions for any signage application
- Connect and control your content via the cloud with HTML5
- Schedule what you want, when you want with SmartPlayer
- Free and easy-to-use content management with SmartCMS
- Save and play content with internal memory

Care about you, your business and your audience
- SmartPower for energy saving
- Show clinical images consistently with D-image

Maximizing the impact of your message
- Manage and control your network remotely via SmartControl
- Full HD LED for brilliant images with incredible contrast

PHILIPS

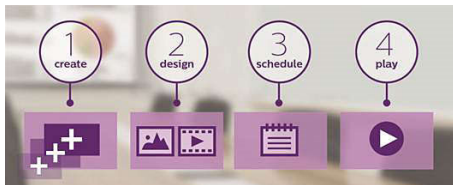# Highlights

Full HD LED technology

Picture Quality matters. Regular displays deliver quality, but you expect more. Imagine crisp detail paired with high brightness, incredible contrast and realistic colors for a true to life picture.

SmartControl

SmartControl lets you remotely control and manage your network of displays via RJ45 and RS232C. Easily fine-tune all display settings including resolution, brightness, contrast and cloning of your settings over your complete network.
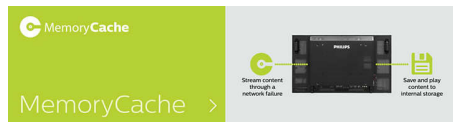
SmartCMS

Free and easy-to-use content management system that works exclusively with Philips Sigage Solutions displays to manage your digital signage content. With SmartCMS you can create and schedule your own content over 24 hours every day. Simply create your network, design your content, schedule your playlist and you are ready to play!

SmartBrowser

Connect and control your content via the cloud with the integrated HTML5 browser. Design your signage content online and connect it with a display or with your complete network. Simply plug in a RJ45 internet cable for network connection, connect the display with the dedicated url-address and you are ready to play your cloud based content.

Internal Memory

Save and play content with internal memory. Upload your media into the display and playback content immediately. Working in conjunction with the internal browser, it also serves as a memory cache when streaming online content. If the network ever fails, the internal memory keeps content running by playing a cached version of the content, ensuring that your media stays up even if the network goes down.

SmartPlayer

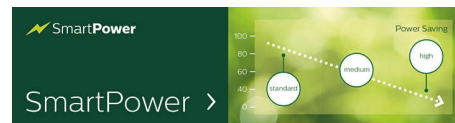Turn your USB into a true cost effective digital signage device. Simply save your content

(video, audio, pictures) on your USB and plug into your display.Create your playlist and schedule your content via the on screen menu, and enjoy your own created playlists anytime, anywhere.

Clinical D-image

D-image helps you to review and diagnose clinical images with consistent and accurate display performance. To achieve reliable clinical interpretations our professional displays are factory calibrated to give optimized greyscale standard display performance. D-image helps you to excel in every aspect of patient care.

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

Connectivity
- Audio output: Audio Left/Right (RCA)
- Video input: DVI-I (x 1), HDMI (x4), USB, VGA (via DVI)
- Audio input: 3.5 mm jack
- External control: RJ45, RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack

Picture/Display
- Diagonal screen size (metric): 138.7 cm
- Diagonal screen size (inch): 54.6 inch
- Aspect ratio: 16:9
- Panel resolution: 3840 x 2160
- Pixel pitch: 0.315 x 0.315 mm
- Optimum resolution: 3840 x 2160 @ 60 Hz
- Brightness: 350 cd/m²
- Display colors: 1.07 Billion
- Contrast ratio (typical): 4000:1
- Dynamic contrast ratio: 500,000:1
- Response time (typical): 8 ms
- Viewing angle (horizontal): 178 degree
- Viewing angle (vertical): 178 degree

Convenience
- Tiled Matrix: Up to 15 x 15
- Screen saving functions: Pixel Shift
- Keyboard control: Lockable, Hidden
- Signal loop through: RS232, IR Loopthrough
- Energy saving functions: Smart Power
- Network controllable: RS232, RJ45
- Start-up: Switch on delay, Switch on status
- Start-up window: enable / disable Philips logo

Sound
- Built-in speakers: 2 x 10W RMS

Power
- Mains power: 100 ~ 240 VAC
- Consumption (On mode): 125 W
- Consumption (Typical): 140 W
- Consumption (Max): 180 W
- Standby power consumption: <0.5 W

Supported Display Resolution
- Computer formats: 640 x 480, 60, 67, 72, 75Hz, 1280 x 800, 60Hz, 1440 x 900, 60Hz, 1600 x 1200, 60Hz, 1920 x 1080, 60Hz, 1024 x 768, 60, 70, 75Hz, 1152 x 870, 75Hz, 1280 x 1024, 60Hz, 1280 x 720, 60Hz, 1680 x 1050, 60Hz, 720 x 400, 70Hz, 800 x 600, 56, 60, 72, 75Hz
- Video formats: 480i, 60Hz, 480p, 60Hz, 1080i, 50Hz, 1080i, 60Hz, 1080p, 60Hz, 3840 x 2160, 30Hz, 3840 x 2160, 60Hz, 576i, 50Hz, 576p, 50Hz, 720p, 60Hz

Dimensions
- Set Width: 1239.2 mm
- Product weight: 15.82 kg
- Set Height: 711.6 mm
- Set Depth: 61.71 mm
- Set Width (inch): 48.79 inch
- Set Height (inch): 28.02 inch
- Wall Mount: 400 x 400 mm/200 x 200 mm, M6
- Set Depth (inch): 2.43 inch
- Bezel width: 12.9 (TLR) / 14.7 (B) mm
- Product weight (lb): 34.88 lb

Operating conditions
- Temperature range (operation): 5 ~ 40 °C
- MTBF: 50,000 hour(s)
- Temperature range (storage): -20 ~ 60 °C
- Humidity range (operation)[RH]: 20 ~ 80% RH (No condensation)
- Humidity range (storage) [RH]: 5 ~ 95% RH (No condensation)

Multimedia Applications
- USB Playback Video: MPEG, H.264, JPEG
- USB Playback Picture: BMP, JPEG, PNG
- USB Playback Audio: AAC, HEAAC, MPEG, WMA

Accessories
- Included accessories: AC Power Cord, RS232 cable, Remote Control, Batteries for remote control, Quick start guide
- Included Accessories: IR sensor cable (1.8 m) (x1), RS232 daisy-chain cable, USB Cover and screw x1
- Stand: BM02542/ BM05922

Miscellaneous
- On-Screen Display Languages: English, French, German, Italian, Polish, Turkish, Russian, Simplified Chinese, Spanish, Traditional Chinese
- Warranty: 3 year warranty
- Regulatory approvals: CE, CB, FCC, Class B

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