



Philips Signage Solutions
Q-Line Display

55"

4K UHD (3840 x 2160)
Ultra HD

SignageSolutions

55BDL3050Q

Intensify your signage experience

With priceless performance

Deliver startlingly clear images in a more eco-friendly way with the Q-Line display. 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

- CMND: Take control of your displays
- Create and update content with CMND & Create
- Schedule what you want, when you want with SmartPlayer
- Connect and control your content via the cloud with HTML5
- Android: Run your own app or choose your favourite app to run

Care about you, your business and your audience

- Manage settings of multiple displays with CMND & Control
- SmartPower for energy saving

Optimised for public viewing

- 4K Ultra HD: resolution like you've never seen before

PHILIPS

Q-Line Display
55" 4K UHD (3840 x 2160), Ultra HD

Highlights

Powered by Android

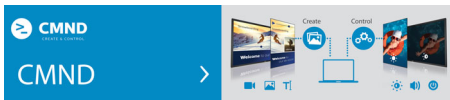
With Android OS integrated into the display, you can work with the most developed OS on the planet and save your own app directly into the display. Or, choose from the large library of Android apps and play content from there. With the built-in scheduler, you can daypart your apps and content based on your customer and time of day and with the auto-orientation feature, showing content in portrait or landscape is as simple as turning the display.

CMND and Create



Design and create compelling content with CMND & Create, a powerful authoring tool. With a drag and drop interface, preloaded templates, and integrated widgets, you'll be able to amaze your customers with compelling content. Available in portrait and landscape mode.

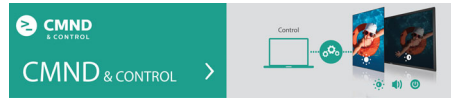
CMND



A robust display management platform, CMND puts the power back into your hands.

Update and manage content with CMND & Control. Create or control your settings with CMND & Control. It's all possible with CMND.

CMND and Control



With CMND & Control, easily manage multiple displays in a central location. With real time display monitoring, setting and software updates from a remote location, and the ability to customise and configure multiple displays at once, such as video wall or menu board displays, controlling your suite of displays has never been easier.

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 entire network. Simply plug in a RJ45 Internet cable for network connection and connect the display with the dedicated URL address, and

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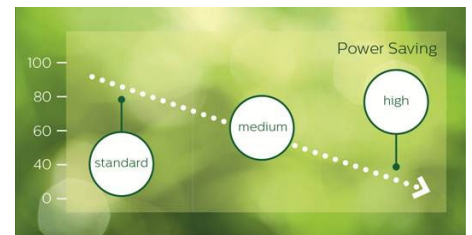
you are ready to play your cloud-based content.

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 playlists anytime, anywhere.

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

Picture/Display

- Diagonal screen size: 54.6 inch / 138.7 cm
- Panel resolution: 3840 x 2160
- Optimum resolution: 3840 x 2160 @ 60 Hz
- Brightness: 350 cd/m²
- Contrast ratio (typical): 4000:1
- Dynamic contrast ratio: 500,000:1
- Response time (typical): 8 ms
- Aspect ratio: 16:9
- Viewing Angle (H / V): 178 / 178 degree
- Pixel pitch: 0.315 x 0.315 mm
- Display colours: 1.07 Billion
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfiler, Motion compens. deinterlacing, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement, Colour Enhancement, Colour Temperature Adjustment, De-interlacer, Noise Reduction, Smart Picture
- Panel technology: VA

Supported Display Resolution

Computer formats

Resolution	Refresh rate
640 x 480	60, 67, 72, 75 Hz
1280 x 768	60 Hz
1280 x 800	60 Hz
1360 x 768	60 Hz
1600 x 1200	60 Hz
1920 x 1080	60 Hz
1280 x 1024	60 Hz
720 x 400	70 Hz
1024 x 768	60, 75 Hz
1024 x 768	60 Hz
1920 x 1200	60 Hz
3840 x 2160	30Hz
3840 x 2160	60 Hz
800 x 600	60, 72, 75 Hz
800 x 600	60, 75 Hz

Video formats

Resolution	Refresh rate
720p	50, 60 Hz
1080p	50, 60 Hz
1080i	25, 30 Hz
480i	30, 60 Hz
576i	25, 50 Hz
2160p	50, 60 Hz
2160p	24, 30, 60 Hz
480p	30, 60 Hz
480p	60 Hz

576p 25, 50 Hz
576p 50 Hz

Connectivity

- Video input: DVI-D, HDMI (x 2), USB 2.0 (Type A) (x2), VGA (Analogue D-Sub)
- Audio input: Audio Left/Right (RCA), 3.5-mm jack
- Audio output: Audio Left/Right (RCA)
- External control: RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack, RJ45
- Other connections: USB, IR out

Convenience

- Screen-saving functions: Pixel Shift, Low Brightness
- Keyboard control: Hidden, Lockable
- Network controllable: LAN (RJ45), RS232
- Energy-saving functions: Smart Power
- Placement: Landscape (18/7)
- Remote control signal: Lockable

Dimensions

- Bezel width: 12.9 mm (T/L/R), 14.7 mm (B)
- Set dimensions (W x H x D): 1239.2 x 711.6 x 61.7 mm
- Set dimensions in inch (W x H x D): 48.79 x 28.02 x 2.43 inch
- Product weight: 15.96 kg
- Product weight (lb): 35.19 lb
- VESA Mount: 400 x 400 mm, 200 x 400 mm, M6 x 8

Operating conditions

- Altitude: 0 ~ 3000 m
- 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, 50 ~ 60 Hz
- Consumption (On mode): TBD
- Standby power consumption: <0.5 W
- Power Saving Features: Smart Power

Sound

- Built-in speakers: 2 x 10 W RMS

Accessories

- Included accessories: AC Power Cord, RS232

- cable, Quick start guide, Batteries for remote control, Remote Control
- Optional accessories: Tabletop stand

Multimedia Applications

- USB Playback Video: 3GP, 3GPP, ASF, AVI, FLV, MKV, MOV, MP4, MPEG, MPG, TP, TRP, TS, VOB, WEBM, WMV
- USB Playback Picture: BMP, JPEG, JPG, PNG
- USB Playback Audio: AAC, M4A, MP3, WMA

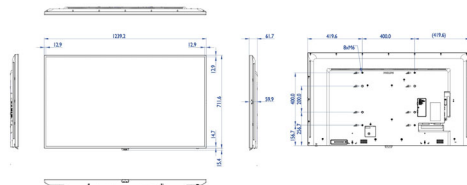
Miscellaneous

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

Internal Player

- CPU: Quad Core Full HD
- Storage: 8 GB eMMC

Philips 55BDL3050Q
Version 1.0
Release Date: 20170825



Issue date 2017-11-24

Version: 1.0.1

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EAN: 87 12581 74364 2

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