

Philips Signage Solutions  
Q-Line Display

65"

UHD (3840 x 2160)  
Ultra HD

65BDL3050Q



## 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.

### Optimized for public viewing

- Full HD LED for brilliant images with incredible contrast

### Operational flexibility

- SmartPower for energy saving

### 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
- Android: Run your own app or choose your favorite app to run
- CMND: Take control of your displays
- Create and update content with CMND & Create

### Care about you, your business and your audience

- Keep your content up and running with FailOver
- Clinical D-image preset for DICOM part 14 Grayscale images
- Manage settings of multiple displays with CMND & Control
- Simplify meetings with FailOver for conferencing

# PHILIPS

# Highlights

## CMND



A robust display management platform, CMND puts the power back into your hands. Update and manage content with CMND & Control or Create or control your settings with CMND & Control. It's all possible with CMND.

## CMND & 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 customize and configure multiple displays at once, such as video wall or menu board displays, controlling your suite of displays has never been easier.

## CMND & 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.

## 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.

## FailOver



Keeping your content up and running is critical for demanding commercial applications. While it is unlikely you will face a content disaster, FailOver provides content protection with a revolutionary technology that plays back-up content on screen in the event of a media player failure. FailOver automatically kicks in when the primary input fails. Simply select a primary input connection and a FailOver connection and your ready for instant protection.

## FailOver for Meeting Rooms

Using FailOver, simplify your presentations and videoconferencing. When a meeting or conference room is not in use, background content can run from whatever input source you choose. When the meeting starts and you need to share a presentation or your screen, simply connect your computer and the display automatically switches inputs and shows what's on your screen, with no need to manually switch inputs.

## 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.

## 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.

## 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.

## Clinical D-image



Monitors must show medical images consistently with high quality to achieve reliable interpretations. The rendering of medical Grayscale images on standard monitors is mostly inconsistent at best, making them unsuitable for usage in a clinical environment. Philips clinical review displays with clinical D-image preset are factory calibrated to give DICOM part 14 compatible Grayscale standard display performance. By using high quality LCD panels with LED technology, Philips offers you consistent and reliable performance at an affordable price point. Further info on <http://medical.nema.org/>

## 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: VGA (Analog D-Sub), DisplayPort (1.2), HDMI (x4), USB 2.0 (x2)
- Audio input: 3.5 mm jack
- Other connections: OPS, AC-out, Analog (D-sub input), Analog audio Left/Right out, Display Port, HDMI, IR out, micro SD, PC Audio in, RS232 Serial, USB 2.0, USB power outlet (5 V, 2 amp)
- External control: RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack, RJ45

## Picture/Display

- Diagonal screen size (metric): 163.9 cm
- Diagonal screen size (inch): 65 inch
- Aspect ratio: 16:9
- Panel resolution: 3840 x 2160
- Pixel pitch: 0.372 x 0.372 mm
- Optimum resolution: 3840 x 2160 @ 60 Hz
- Brightness: 350 cd/m<sup>2</sup>
- Display colors: 1.07 Billion
- Contrast ratio (typical): 4000:1
- Response time (typical): 8 ms
- Viewing angle (horizontal): 178 degree
- Viewing angle (vertical): 178 degree
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement, Color Enhancement, Color Temperature Adjustment, De-interlacer, Noise Reduction, Smart Picture
- Panel technology: AMVA
- Operating system: Android 5.0.1

## Convenience

- Placement: Landscape
- Tiled Matrix: Up to 10 x 15
- Screen saving functions: Pixel Shift, Low Brightness
- Keyboard control: Lockable
- Remote control signal: Lockable
- Signal loop through: DVI, RS232, IR Loopthrough
- Ease of installation: Smart Insert, AC Out
- Energy saving functions: Smart Power
- Network controllable: LAN (RJ45), RS232, Card OPS RS232, HDMI (One Wire)
- Memory: 8GB eMMC

## Sound

- Built-in speakers: 2 x 10W RMS

## Power

- Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
- Consumption (On mode): 110 W
- Standby power consumption: <math>\leq 0.5W</math>
- Power Saving Features: Smart Power

## Supported Display Resolution

- Computer formats: 640 x 480, 60, 72, 75Hz, 720 x 400, 70Hz, 800 x 600, 60, 75Hz, 1024 x 768, 60, 75Hz, 1280 x 768, 60Hz, 1280 x 800, 60Hz, 1280 x 1024, 60Hz, 1360 x 768, 60Hz, 1920 x 1080, 60Hz, 3840 x 2160, 30, 60Hz
- Video formats: 720p, 50, 60Hz, 1080p, 50, 60Hz, 1080i, 25, 30Hz, 480i, 30, 60Hz, 576i, 25, 50Hz, 2160p, 30,50, 60Hz, 480p, 30, 60Hz, 576p, 25, 50Hz

## Dimensions

- Set Width: 1458.7 mm
- Product weight: 24.8 kg
- Set Height: 834.7 mm
- Set Depth: 81.6 mm
- Set Width (inch): 57.43 inch
- Set Height (inch): 32.86 inch
- Wall Mount: 400 x 400 mm, M6
- Set Depth (inch): 3.21 inch
- Bezel width: 13.9 (Top/Left/Right) 14.9 (Bottom) mm
- Product weight (lb): 54.7 lb

## Operating conditions

- Altitude: 0 ~ 3000 m
- Temperature range (operation): 0 ~ 40 °C
- MTBF: 50,000 hour(s)
- Relative humidity: 20 ~ 80 (operation), 10 - 90%(storage) %
- Temperature range (storage): -20 ~ 60 °C

## Multimedia Applications

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

## Internal Player

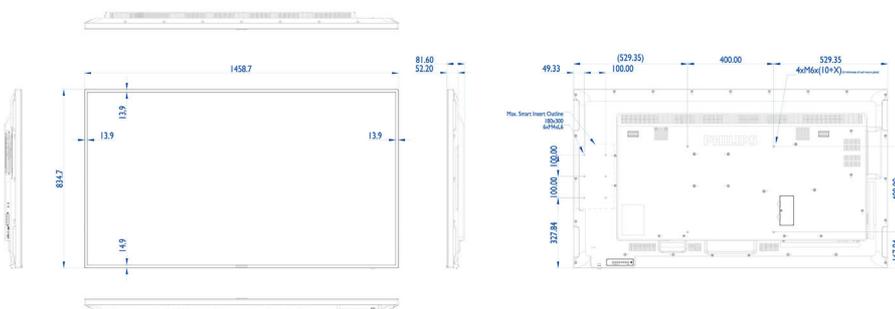
- CPU: Quad Core Full HD
- Memory: 2GB DDR3
- Storage: 8GB eMMC

## Accessories

- Included accessories: AC Power Cord, RS232 cable, Remote Control, Batteries for remote control, Quick start guide, HDMI cable, IR sensor cable (1.8M)
- Included Accessories: RS232 daisy-chain cable, USB Cover and screw x1
- Optional accessories: Table top stand
- Stand: BM05922

## Miscellaneous

- On-Screen Display Languages: Arabic, Simplified Chinese, Traditional Chinese, English, French, German, Italian, Polish, Russian, Spanish, Turkish, Japanese, Czech, Danish, Dutch, Finnish, Norwegian, Portuguese, Swedish
- Warranty: 3 year warranty
- Regulatory approvals: CE, UL/cUL, CB, FCC, Class B, BSMI, CCC, EAC, EMF, EnergyStar 7.0, PSB



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