



Philips Signage Solutions  
Q-Line Display

55"

Direct LED Backlight  
Ultra HD

**Signage**Solutions

55BDL3010Q

## Stand out

Easy-setup 18/7 display.

Inform and enthrall with a Philips Q-Line Professional 4K Ultra HD Display. This reliable solution can be up and running as quickly as you need—with no additional hardware.

**Brilliant picture. Reliable performance**

- Ultra-HD. Rich images. Stunning contrast

**Effortless setup. Total control.**

- Operate, monitor and maintain with CMND and Control

**Cost-effective system solution**

- Energy-saving automatic backlight control
- Integrated media player. Easily schedule USB content
- Easy control. Remotely manage networked displays
- FailOver ensures that content is always playing

**PHILIPS**

# Highlights

## CMND and Control

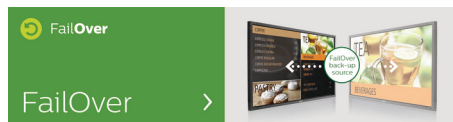


Run your display network over a local (LAN) connection. CMND and Control allows you to perform vital functions like controlling inputs and monitoring display status. Whether you're in charge of one screen or 100.

## Integrated media player

Easily schedule content to play from USB. Your Philips Professional Display will wake from standby to play the content you want, and then return to standby once playback has finished.

## FailOver



From waiting room to meeting room, never show a blank screen. FailOver lets your Philips

Professional Display switch automatically between primary and secondary inputs, ensuring that content keeps playing even if the primary source goes down. Simply set a list of alternative inputs to be sure your business is always on.

# 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/m<sup>2</sup>
- 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
- Clinical image: D-Image preset (dicom part 14 compatible)

## Supported Display Resolution

### Computer formats

| Resolution  | Refresh rate      |
|-------------|-------------------|
| 1920 x 1080 | 60 Hz             |
| 1600 x 1200 | 60 Hz             |
| 1440 x 900  | 60 Hz             |
| 1280 x 1024 | 60 Hz             |
| 1280 x 720  | 60 Hz             |
| 1280 x 800  | 60 Hz             |
| 1024 x 768  | 60, 70, 75 Hz     |
| 720 x 400   | 70 Hz             |
| 640 x 480   | 60, 67, 72, 75 Hz |
| 1152 x 870  | 75 Hz             |
| 1680 x 1050 | 60 Hz             |
| 800 x 600   | 56, 60, 72, 75 Hz |

### Video formats

| Resolution  | Refresh rate |
|-------------|--------------|
| 3840 x 2160 | 60 Hz        |
| 3840 x 2160 | 30Hz         |
| 1080i       | 60 Hz        |
| 1080p       | 60 Hz        |
| 720p        | 60 Hz        |
| 480i        | 60 Hz        |
| 480p        | 60 Hz        |
| 1080i       | 50 Hz        |
| 576i        | 50 Hz        |
| 576p        | 50 Hz        |

## Connectivity

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

jack, IR (in/out) 3.5 mm jack

## Convenience

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

## Dimensions

- Bezel width: 12.9 (TLR)/14.7 (B) mm
- Set dimensions (W x H x D): 1239.2 x 711.6 x 61.71 mm
- Set dimensions in inch (W x H x D): 48.79 x 28.02 x 2.43 inch
- VESA Mount: 400 x 400 mm/400 x 200 mm, M6
- Product weight: 15.82 kg
- Product weight (lb): 34.88 lb

## Operating conditions

- Temperature range (operation): 5 ~ 40 °C
- Temperature range (storage): -20 ~ 60 °C
- MTBF: 50,000 hour(s)
- Humidity range (operation)[RH]: 20~80% RH (No condensation)
- Humidity range (storage) [RH]: 5~95% RH (No condensation)
- Altitude: 0 ~ 3000 m

## Power

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

## Sound

- Built-in speakers: 2 x 10 W RMS

## Multimedia Applications

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

## Accessories

- Included accessories: AC Power Cord, RS232

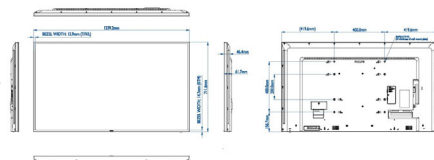
cable, Remote Control, Batteries for remote control, Quick start guide

- Included Accessories: USB Cover and screw x 1, IR sensor cable (1.8 m) (x 1), RS232 daisy-chain cable
- Stand: Table stand (BM02542, BM05922)

## Miscellaneous

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

Philips 55BDL3010Q  
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