Philips Signage Solutions
Q-Line Display

50"
Direct LED Backlight
Ultra HD

SignageSolutions

50BDL3010Q

Stand out

Easy-setup 18/7 display.

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

Brilliant picture. Reliable performance
• 4K UHD. Rich images. Stunning contrast

Effortless setup. Total control.
• CMND & Control. Operate, monitor, maintain

Cost-effective system solution
• Energy-saving automatic backlight control
• Integrated media player. Easily schedule USB content
• Simple control. Remotely manage networked displays
• FailOver. Ensure your display never goes blank
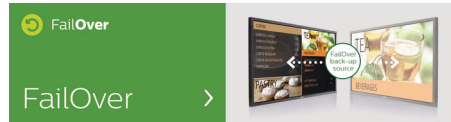
PHILIPS

Highlights

CMND & Control

Run your display network over a local (LAN) connection. CMND & 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 is done.

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 content keeps playing even if the primary source goes down. Simply set a list of alternate inputs to be sure your business is always on.

ULTRA RESOLUTION   SmartControl   SmartPlayer   Clinical D-Image   SmartPower

Specifications

Picture/Display
- Diagonal screen size: 49.5 inch / 125.7 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: 0.2854 x 0.2854 mm
- Display colors: 1.07 Billion
- DICOM: Clinical D-image
- Panel technology: VA
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, 3D MA deinterlacing, Dynamic contrast enhancement, Motion compens. deinterlacing, Progressive scan

Supported Display Resolution
- Computer formats

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

- Video formats

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

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 Loopthrough
- Placement: Landscape
- Remote control signal: Lockable

Dimensions
- Bezel width: 11.8 (TLR) / 14.3 (B) mm
- Set dimensions (W x H x D): 1123.6 x 646.7 x 69.2 mm
- Set dimensions in inch (W x H x D): 44.24 x 25.46 x 2.72 inch
- VESA Mount: 400mm x 400mm , M6
- Product weight: 12.75 kg
- Product weight (lb): 28.11 lb

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

Power
- Consumption (On mode): 115 W
- Mains power: 100 - 240V~, 50/60Hz
- Standby power consumption: <0.5W
- comsumption(Max): 150 W
- Consumption (Typical): 115 W
- Power Saving Features: Smart Power

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

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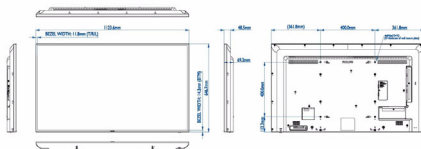- USB Playback Audio: AAC, WMA, HEAAC, MPEG

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), RS232 daisy-chain cable, USB Cover and screw x1
- Stand: BM02542/BM05922

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

Philips 50BDL3010Q
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