Philips Signage Solutions
Q-Line Display

50"
Direct LED Backlight
Ultra HD

50BDL3510Q

Stand out

Easy-setup 18/7 display.

Inform and enthral with a Philips Q-Line Professional Ultra HD Display. This reliable solution can be up and running as quickly as you need.

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

Effortless setup. Total control.
- Operate, monitor and maintain with CMND and Control
- Schedule what you want, when you want with SmartPlayer

Superb picture. Ultra-high brightness.
- Ultra-HD. Rich images. Stunning contrast

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.

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.

Ultra-HD Resolution

Ultra-HD. Rich images. Stunning contrast

Energy saving

Energy-saving automatic backlight control

Easy control

Easy control. Remotely manage networked displays

Specifications

Connectivity
- Audio output: 3.5 mm jack
- Video input: DVI-I (x 1), HDMI 2.0 (x 2), USB 2.0 (x 2)
- 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): 125.7 cm
- Diagonal screen size (inch): 49.5 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: 400 cd/m²
- Display colours: 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
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, 3D MA deinterlacing, Dynamic contrast enhancement, Motion compens. deinterlacing, Progressive scan
- Panel technology: VA
- Clinical image: D-Image preset (dicom part 14 compatible)

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

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

Power
- Mains power: 100–240 V~, 50/60 Hz
- Consumption (Typical): 105 W
- Consumption (Max): 165 W
- Standby power consumption: <0.5 W
- Power Saving Features: Smart Power
- Energy Label Class: G

Supported Display Resolution
- Computer formats: 1920 x 1080, 60 Hz, 1680 x 1050, 60 Hz, 1600 x 1200, 60 Hz, 1440 x 900, 60 Hz, 1280 x 1024, 60 Hz, 1280 x 800, 60 Hz, 1280 x 720, 60 Hz, 1152 x 870, 75 Hz, 1024 x 768, 60, 70, 75 Hz, 800 x 600, 56, 60, 72, 75 Hz, 720 x 400, 70 Hz, 640 x 480, 60, 67, 72, 75 Hz, 1152 x 864, 75 Hz, 832 x 624, 75 Hz
- Video formats: 3840 x 2160, 60 Hz, 3840 x 2160, 30Hz, 720p, 60 Hz, 576p, 50 Hz, 576i, 50 Hz, 480p, 60 Hz, 480i, 60 Hz, 1080i, 50, 60 Hz, 1080p, 50, 60 Hz

Dimensions
- Set Width: 1128.4 mm
- Product weight: 14.8 kg
- Set Height: 649.0 mm
- Set Depth: 63.5 mm
- Set Width (inch): 44.43 inch
- Set Height (inch): 25.55 inch
- Wall Mount: 400 mm x 400 mm, M6
- Set Depth (inch): 2.50 inch
- Bezel width: 14.9 mm (Even bezel)
- Product weight (lb): 32.63 lb

Operating conditions
- Altitude: 0 ~ 3000 m
- Temperature range (operation): 0 ~ 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: H.264, JPEG, MPEG, WMV3
- USB Playback Picture: JPEG, BMP, PNG
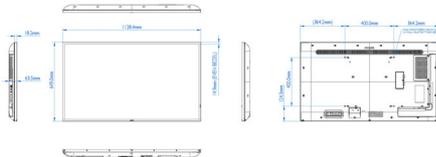- USB Playback Audio: AAC, WMA, HEAAC, MPEG

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) (x 1), RS232 daisy-chain cable, Philips logo (x 1), USB Cover and screw (x 2)
- Stand: BM05922(optional)

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

Philips 50BDL3510Q
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