

PHILIPS



Q-Line Display

Signage Solutions

43"

Direct LED Backlight

Ultra HD



43BDL3650Q

Stand out from the crowd

Your versatile and easy-to-set-up 18/7 display

Inform and enthrall with a Philips Q-Line 4K Ultra HD digital display. This reliable, easy-to-install, Android powered signage solution is Wave-ready for remote management, putting you in full control, any time, anywhere.

Cost-effective system solution

- Easy control. Remotely manage networked displays
- Easily schedule content from USB or internal memory

Effortless setup. Total control.

- Optional Interact for wireless screen share
- Catch the Wave for revolutionary results

Smart and powerful

- Connect and control your content via the cloud
- Android SoC processor. Native and web apps
- WiFi connection made easy with optional CRD22 module

Versatile system solution

- Ultra-HD. Rich images. Stunning contrast
- FailOver. Ensure your display never goes blank

Specifications

Picture/Display

Diagonal screen size (metric): 108 cm
Diagonal screen size (inch): 42.5 inch
Aspect ratio: 16:9
Panel resolution: 3840 x 2160
Pixel pitch: 0.2451 x 0.2451 mm
Optimum resolution: 3840 x 2160 @ 60 Hz
Brightness: 400 cd/m²
Display colors: 1.07 Billion
Contrast ratio (typical): 1200:1
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, Dynamic contrast enhancement, Progressive scan
Panel technology: ADS
Operating system: Android 10
Haze: 2%

Connectivity

Audio output: 3.5mm jack
Video input: HDMI 2.0 (x2), USB 2.0 (x2), DVI-I (x1), USB 3.0 (x1)
Audio input: 3.5 mm jack
Other connections: micro SD
External control: RJ45, RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack

Convenience

Placement: Landscape (18/7), Portrait (18/7)
Tiled Matrix: Up to 3 x 3
Keyboard control: Lockable, Hidden
Remote control signal: Lockable
Signal loop through: RS232, IR Loophthrough
Energy saving functions: Smart Power
Network controllable: RS232, RJ45

Sound

Built-in speakers: 2 x 10W RMS

Power

Mains power: 100 - 240V~, 50/60Hz
Consumption (Typical): 84 W
Standby power consumption: <0.5 W
Power Saving Features: Smart Power
Energy Label Class: G

Supported Display Resolution

Computer formats: 1024 x 768, 60, 70, 75Hz, 1280 x 1024, 60Hz, 1280 x 720, 60Hz, 1280 x 800, 60Hz, 1440 x 900, 60Hz, 1600 x 1200, 60Hz, 1680 x 1050, 60Hz, 1920 x 1080, 60Hz, 3840 x 2160, 60Hz
Video formats: 1080p, 50, 60Hz, 1080i, 50, 60Hz, 720p, 50,60 Hz, 2160p, 50, 60Hz

Dimensions

Set Width: 973.0 mm
Product weight: 11.29 kg
Set Height: 561.2 mm
Set Depth: 63.5 mm mm
Set Width (inch): 38.31 inch
Set Height (inch): 22.09 inch
Wall Mount: 200 mm x 200 mm, M6
Set Depth (inch): 2.50 inch
Bezel width: 13.9 mm (Even bezel)
Product weight (lb): 24.91 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, MPEG, H.263, H.265, AVI, MP4, VP8
USB Playback Picture: BMP, JPEG, PNG
USB Playback Audio: AAC, HEAAC, MPEG

Internal Player

CPU: Quad Core Cortex A55
GPU: G52 MC1
Memory: 16GB, 3GB DDR

Accessories

Included Accessories: IR sensor cable (1.8 m) (x1), RS232 daisy-chain cable, Philips logo (x1), AC Power Cord, AC Switch Cover, Quick start guide, Remote control & AAA batteries, RS232 cable, USB cover and screws, Wire Clamper (x3)

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, FCC, Class A, VCCI, RoHS, UL

