

Philips Signage Solutions
H-Line Display

75"

3000 cd/m²
Ultra HD

55BDL3002H



Captivate your audience

With an ultra large screen experience

Experience your content like never before thanks to four times the resolution of a conventional display. This ultra large 75" display offers 3840 x 2160 pixels so refined, so lifelike, it's a window to a new world.

Optimized for public viewing

- 4K Ultra HD: resolution like you've never seen it before
- 3000 nit brightness for high ambient light applications

Innovative solutions for any signage application

- Optional OPS Insert to create an all-in-one solution
- Play content from 4 separate inputs with QuadViewer
- CMND: Take control of your displays

Care about you, your business and your audience

- SmartPower for energy saving
- Keep your content up and running with FailOver

PHILIPS

H-Line Display
75" 3000 cd/m², Ultra HD

Highlights

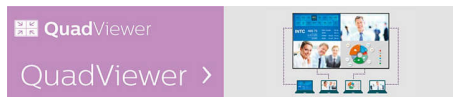
High Brightness - 3000 nit

Enjoy an excellent visual experience even in areas illuminated by direct sunlight thanks to the 3000 nit panel. The high brightness offers a wide array of new implementation possibilities especially in locations that have high ambient light levels, delivering crystal clear images for all locations where ambient brightness is an issue.

4K Ultra HD Resolution

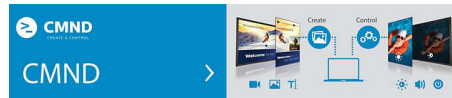
See your Signage Solutions like never before thanks to four times the resolution of a conventional Full HD display. 3840 x 2160 pixels provide an image so refined, so lifelike, it's a window to a new world.

QuadViewer



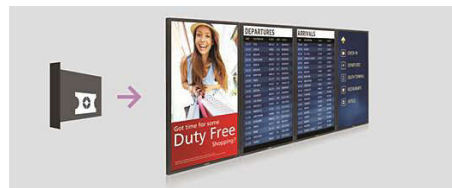
Be more flexible with your screen real estate. With the ability to play content from up to four separate inputs, all on one screen. QuadViewer is ideal for control rooms, corporate environments, and meeting rooms.

CMND



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

OPS Insert



Turn your display into an all-in-one digital signage solution and create a display network which is connected, intelligent and secure. Open Pluggable Specification (OPS) is an industry standard slot into which you can add an OPS-standardized media player. This cable free solution gives you the ability to install, use or maintain your hardware whenever you need.

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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.

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: 3.5mm jack
- Video input: VGA (Analog D-Sub), DisplayPort (1.2), DVI-D, Component (BNC), Composite (BNC), HDMI (x2)
- Audio input: 3.5 mm jack, Audio Left/Right (RCA)
- Other connections: AC-out, OPS, USB
- Video output: DisplayPort, DVI-I
- External control: RS232C (in/out) 2.5 mm jack, RJ45, IR (in/out) 3.5 mm jack

Picture/Display

- Diagonal screen size (metric): 139.7 cm
- Diagonal screen size (inch): 55 inch
- Aspect ratio: 16:9
- Panel resolution: 1920x1080p
- Pixel pitch: 0.63 x 0.63 mm
- Optimum resolution: 1920 x 1080 @ 60Hz
- Brightness: 2500 cd/m²
- Display colors: 16.7 M (8 bits)
- Contrast ratio (typical): 5000:1
- Dynamic contrast ratio: 500,000:1
- Response time (typical): 6 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: SVA

Convenience

- Placement: Landscape, Portrait
- Screen saving functions: Pixel Shift, Low Brightness
- Keyboard control: Hidden, Lockable
- Remote control signal: Lockable
- Signal loop through: RS232, IR Loophthrough
- Ease of installation: Smart Insert, Edge Alignment Kit
- Energy saving functions: Smart Power
- Other convenience: Carrying handles
- Picture performance: Advanced color control
- Network controllable: RS232, HDMI (One Wire), LAN (RJ45)

Sound

- Built-in speakers: 2 x 10W RMS

Power

- Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
- Consumption (Typical): 368 W
- Standby power consumption: <0.5W

Supported Display Resolution

- Computer formats: 1024 x 768, 60Hz, 1280 x

- 1024, 60Hz, 1280 x 768, 60Hz, 1280 x 800, 60Hz, 1360 x 768, 60Hz, 1600 x 1200, 60Hz, 1920 x 1080, 60Hz, 1920 x 1200, 60Hz, 640 x 480, 60, 67, 72, 75Hz, 720 x 400, 70Hz, 800 x 600, 60, 72, 75Hz
- Video formats: 1080i, 25, 30Hz, 1080p, 50, 60Hz, 480i, 30, 60Hz, 480p, 60Hz, 576i, 25, 50Hz, 576p, 50Hz, 720p, 50, 60Hz

Dimensions

- Set Width: 1242.2 mm
- Product weight: 35.8 kg
- Set Height: 713 mm
- Set Depth: 137.9 mm
- Set Width (inch): 48.9 inch
- Set Height (inch): 28.1 inch
- Wall Mount: 400 x 400 mm, M6
- Set Depth (inch): 5.43 inch
- Bezel width: 15.6 mm
- Product weight (lb): 78.94 lb
- Smart insert width: 100 mm
- Smart insert height: 200 mm

Operating conditions

- Altitude: 0 ~ 3000 m
- Temperature range (operation): 0 ~ 40 °C
- MTBF: 50,000 hour(s)
- Relative humidity: 20 ~ 80(operation), 5 - 95% (storage) %
- Temperature range (storage): -20 ~ 60 °C

Multimedia Applications

- USB Playback Video: M2TS, M4V, MK3D, MKV, MP4, MPEG, MPG, MTS, TS, TTS, VOB, WMV
- USB Playback Picture: BMP, GIF, JPEG, JPG
- USB Playback Audio: AAC, AIF, AIFF, ASF, LPCM, M3U, M4A, MP3, MP4, WAV, WMA

Accessories

- Included accessories: AC Power Cord, Batteries for remote control, Quick start guide, Remote Control, RS232 cable, Edge alignment plates
- Included Accessories: RS232 daisy-chain cable
- Optional accessories: IR Light Motion Sensor (CRD41), Table top stand

Miscellaneous

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



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