PHILIPS

Create new stopping power

with 1.8 mm Ultra Narrow Bezel Displays

Impress your audience with the most impactful video wall. With 1.8 mm ultra narrow bezel and stunning picture quality, you are sure to create the most memorable visual experience

Optimized for public viewing
- Full HD LED technology for brilliant images
- IPS wide view technology for image and color accuracy
- Designed for 24/7 operation

Innovative solutions for any signage application
- Optional OPS Insert to create an all-in-one solution

Maximizing the impact of your message
- Immersive visual experience with Ultra Narrow Bezel
- Colour Calibration kit to ensure uniform colours
- Manage settings of multiple displays with CMND & Control

Care about you, your business and your audience
- SmartPower for energy saving
- Keep your content up and running with FailOver

Highlights

Full HD LED technology

White LED's are solid state devices which light up to full, consistent brightness faster saving startup time. LED's are free from mercury content which allows for eco-friendly recycling and disposal process. LED's allow for better dimming control of LCD backlight, resulting in super high contrast ratio. It also gives superior color reproduction thanks to consistent brightness across the screen.

IPS Display Technology

Philips IPS displays uses an advanced technology which gives you extra wide viewing angles of 178/178 degree, making it possible to view the display from almost any angle - even in portrait mode. IPS displays gives you remarkably crisp images with vivid colors, especially suitable for professional video wall and menuboard applications which demand color accuracy and consistent brightness at all times.

Ultra Narrow Bezel

The next generation of video wall displays is designed with industry narrowest bezels and advanced alignment solutions. Fully exploit your impactful signage content with ultra narrow bezel displays, and make sure your message does not get lost by thick bezels. With the ultra narrow bezels you can create seamless video wall configurations of virtually any size.

Advanced Colour Calibration

The Advanced Colour Calibration kit controls the luminance of the backlight, standardizes the gamma curve and calibrates the greyscale of your display network. Whether you have an impressive video wall, a catchy mosaic layout, a menu board installation or a control room each display can be adjusted to the same colour values. With this optional kit you ensure consistent colour performance over all displays in your network.
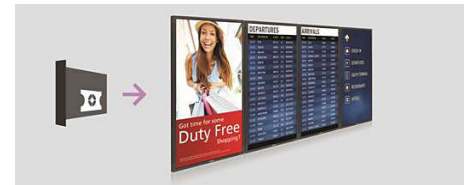
FailOver

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.
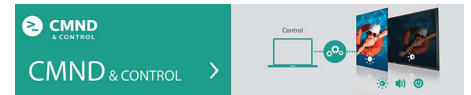
SmartPower

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.

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.

CMND & Control

With CMND & Control, easily manage multiple displays in a central location. With real time display monitoring, setting and software updates from a remote location, and the ability to customize and configure multiple displays at once, such as video wall or menu board displays, controlling your suite of displays has never been easier.

Specifications

Picture/Display

Diagonal screen size (metric): 138.7 cm
Diagonal screen size (inch): 54.6 inch
Aspect ratio: 16:9
Panel resolution: 1920x1080p
Pixel pitch: 0.63 x 0.63 mm
Optimum resolution: 1920 x 1080 @ 60 Hz
Brightness: 500 cd/m²
Display colors: 1.07 B
Contrast ratio (typical): 1400:1
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, Motion compens. deinterlacing, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement

Connectivity

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

Convenience

Placement: Landscape (24/7), Portrait (24/7)
Tiled Matrix: Up to 10 x 10
Screen saving functions: Pixel Shift, Low Bright

Signal loop through: RS232, VGA, DisplayPort, DVI, IR Loopthrough
Ease of installation: Carrying Handles, Smart Insert
Energy saving functions: Ambient light sensor, Smart Power
Network controllable: RS232, RJ45, Card OPS RS232, One Wire (HDMI-CEC)
Control software: SICP / CMND&Control
RJ45 hub: 2 ports

Sound

Built-in speakers: 2 x 10W (RMS)

Power

Consumption (On mode): 133W
Standby power consumption: <0.5W

Supported Display Resolution

Computer formats: 640 x 480, 60, 67, 72, 75Hz, 800 x 600, 56, 60, 72, 75Hz, 1024 x 768, 60Hz, 1280 x 768, 60Hz, 1280 x 800, 60Hz, 1280 x 1024, 60Hz, 1360 x 768, 60Hz, 1366 x 768, 60Hz, 1440 x 900, 60Hz, 1600 x 1200, 60Hz, 1920 x 1080, 60Hz, 1920 x 1200, 60Hz
Video formats: 480i, 60Hz, 480p, 60Hz, 576p, 50Hz, 576i, 50Hz, 720p, 50, 60Hz, 1080i, 50, 60Hz, 1080p, 50, 60Hz, 3840 x 2160, 30Hz

Dimensions

Bezel thickness: 1.8 mm (A-A)
Set Width: 1211.4 mm
Product weight: 24.35 kg
Set Height: 682.2 mm
Set Depth: 98.5 mm
Set Width (inch): 47.69 inch

Set Height (inch): 26.86 inch
Wall Mount: 400 x 400 mm
Set Depth (inch): 3.88 inch
Bezel width: 0.9mm (Even Bezel)

Operating conditions

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

Accessories

Included accessories: Remote Control, Batteries for remote control, AC Power Cord, RS232 cable, Quick start guide, Edge alignment pins, Edge alignment plates
Optional accessories: Edge finishing kit, HDBaseT OPS Receiver (CRD25), Color calibration kit

Miscellaneous

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

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