Philips Signage Solutions
Q-Line Display

86"
4K UHD (3840 x 2160)
Ultra HD

SignageSolutions

86BDL3050Q

Intensify your signage experience

With priceless performance

Deliver startlingly clear images in a more eco-friendly way with the Q-Line display. High on performance and reliability, yet low on power consumption, it is ideal for projects where no compromise is accepted.

Optimized for public viewing
• 4K Ultra HD: resolution like you've never seen it before

Innovative solutions for any signage application
• Android: Run your own app or choose your favorite app to run
• CMND: Take control of your displays
• Create and update content with CMND & Create
• Schedule what you want, when you want with SmartPlayer
• Connect and control your content via the cloud with HTML5

Care about you, your business and your audience
• Manage settings of multiple displays with CMND & Control
• SmartPower for energy saving

PHILIPS

Q-Line Display
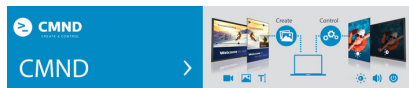86" 4K UHD (3840 x 2160), Ultra HD

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Highlights

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 and image so refined, so lifelike, it's a window to a new world.

Powered by Android

WIth Android OS integrated into the display, you can work with the most developed OS on the planet and save your own app directly into the display. Or, choose from the large library of Android apps and play content from there. With the built-in scheduler, you can daypart your apps and content based on your customer and time of day and with the auto orientation feature, showing content in portrait or landscape is as simple as turning the display.

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.
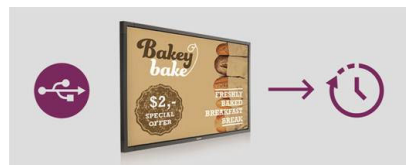
CMND & Control

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.

CMND & Create

Design and create compelling content with CMND & Create, a powerful authoring tool. With a drag and drop interface, preloaded templates, and integrated widgets, you'll be able to amaze your customers with compelling content. Available in portrait and landscape mode.

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 created playlists anytime, anywhere.

SmartBrowser

Connect and control your content via the cloud with the integrated HTML5 browser. Design your signage content online and connect it with a display or with your complete network. Simply plug in a RJ45 internet cable for network connection, connect the display with the dedicated url-address and you are ready to play your cloud based content.

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.

SmartPower   SmartPlayer   LED   ULTRA RESOLUTION

Q-Line Display
86" 4K UHD (3840 x 2160), Ultra HD

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Specifications

Picture/Display
- Diagonal screen size: 85.6 inch / 217.4 cm
- Panel resolution: 3840 x 2160
- Optimum resolution: 3840 x 2160 @ 60 Hz
- Brightness: 410 cd/m²
- Contrast ratio (typical): 1200:1
- Response time (typical): 8 ms
- Aspect ratio: 16:9
- Viewing angle (H / V): 178 / 178 degree
- Pixel pitch: 0.4935 x 0.4935 mm
- Display colors: 1.07 Billion
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement, Color Enhancement, Color Temperature Adjustment, De-interlacer, Noise Reduction, Smart Picture
- Operating system: Android 5.1
- Panel technology: IPS

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
720 x 400	70Hz
1280 x 768	60Hz
1280 x 800	60Hz
1280 x 1024	60Hz
1360 x 768	60Hz
1920 x 1080	60Hz
1024 x 768	60, 75Hz
1600 x 1200	60Hz
640 x 480	60, 72, 75Hz
800 x 600	60, 75Hz

- Video formats

Resolution	Refresh rate
480i	30, 60Hz
576i	25, 50Hz
720p	50, 60Hz
1080p	50, 60Hz
1080i	25, 30Hz
2160p	30,50, 60Hz
480p	30, 60Hz
576p	25, 50Hz

Connectivity
- Video input: VGA (Analog D-Sub), DisplayPort (1.2), HDMI (x4), USB 2.0 (Type A) (x2)
- Audio input: 3.5 mm jack
- Audio output: Audio Left/Right (RCA)

- External control: RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack, RJ45
- Other connections: OPS, AC-out, Analog (D-sub input), Analog audio Left/Right out, Display Port, HDMI, IR out, micro SD, PC Audio in, RS232 Serial, USB 2.0, USB power outlet (5 V. 2 amp)

Convenience
- Screen saving functions: Pixel Shift, Low Brightness
- Keyboard control: Lockable
- Network controllable: LAN (RJ45), RS232, Card OPS RS232, HDMI (One Wire)
- Signal Loop Through: RS232, IR Loopthrough
- Ease of installation: Smart Insert, AC Out, Carrying Handles
- Energy saving functions: Smart Power
- Placement: Landscape
- Remote control signal: Lockable
- Tiled Matrix: Up to 10 x 15
- Memory: 8GB eMMC

Dimensions
- Bezel width: 15.15 (Top/Left/Right) 16.0 (Bottom) mm
- Set dimensions (W x H x D): 1927.9 x 1098.9 x 85.9 mm
- Set dimensions in inch (W x H x D): 75.90 x 43.26 x 2.06 inch
- Product weight: 63.8 kg
- Product weight (lb): 140.65 lb
- VESA Mount: 600 x 400 mm, M8

Operating conditions
- Altitude: 0 ~ 3000 m
- Temperature range (operation): 0 ~ 40 °C
- Temperature range (storage): -20 ~ 60 °C
- Relative humidity: 20 ~ 80 (operation),10 - 90%(storage) %
- MTBF: 30,000 hour(s)

Power
- Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
- Consumption (On mode): 302 W
- Standby power consumption: <0.5W
- Power Saving Features: Smart Power

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

Accessories
- Included accessories: AC Power Cord, RS232 cable, Remote Control, Batteries for remote control, Quick start guide, HDMI cable, IR sensor cable (1.8M)
- Optional accessories: Table top stand
- Included Accessories: RS232 daisy-chain cable, USB Cover and screw x1
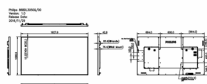
Multimedia Applications
- USB Playback Video: MKV, MP4, MPEG, MPG, TS, VOB, WMV, ASF, AVI, DAT, FLV, MOV, TRP, WEBM
- USB Playback Picture: BMP, JPEG, JPG, PNG
- USB Playback Audio: AAC, M4A, MP3, WMA

Miscellaneous
- Warranty: 3 year warranty
- On-Screen Display Languages: Arabic, Simplified Chinese, Traditional Chinese, English, French, German, Italian, Polish, Russian, Spanish, Turkish, Japanese, Czech, Danish, Dutch, Finnish, Norwegian, Portuguese, Swedish
- Regulatory approvals: CE, UL/cUL, CB, FCC, Class B, BSMI, CCC, EAC, EMF, EnergyStar 7.0, PSB

Internal Player
- Storage: 8GB eMMC
- CPU: Quad Core Full HD
- Memory: 2GB DDR3

Issue date 2017-11-22

Version: 4.0.1

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EAN: 87 12581 74360 4

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Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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