CElabs®

PQ4430
Q-Line Displays

Commercial-Grade

One Platform, Endless Possibilities

An Ecosystem of products specifically designed for professionals.

Professional-Grade

The Q Line display series have a powerful Android OS and are designed specifically for digital signage that engages, informs, and entertains.

APPS

CE Labs partners with best-in-class software companies to transform our products into enterprise business solutions.

3 Year Warranty

All Q-Line displays are built for professionals and come superior customer support and a standard with a 3 Year warranty.

PRODUCT OVERVIEW

CE Labs and Philips Professional Display Solutions have partnered to deliver a best-in-class professional-grade display solutions for enterprise digital signage. The Q Line professional display Series is purpose-built for any digital signage application that require 18/7 performance. Supporting an Android OS, the Q Series is truly best-in-class and packed with features such as 2 x 10W RMS built-in speakers, 350 cd/m² Brightness and 178-degree enhanced view angle.

When combined with a CE Labs media player preloaded with CESync™, our intuitive out-of-the-box experience makes connecting your Q Line display quick and easy. Using one of our Android partner apps, you can create a self-service kiosk, a queue management system, or eye-catching digital signage.

FEATURES

Powerful Android Operating System (SoC)

350 cd/m² Brightness for enhanced viewing

Industry leading efficiency with Energy saving Smart Power

SPECIFICATIONS   MODEL: PQ4430

Picture/Display
- Diagonal screen size: 42.5 inch / 108 cm
- Panel resolution: 3840 x 2160
- Optimum resolution: 3840 x 2160 @ 60 Hz
- Brightness: 400 cd/m²
- Contrast ratio (typical): 1300:1
- Dynamic contrast ratio: 500,000:1
- Response time (typical): 8 ms
- Aspect ratio: 16:9
- Viewing angle (H / V): 178 / 178 degree
- Pixel pitch: 0.2451 x 0.2451 mm
- Display colors: 1.07 Billion
- Panel technology: VA
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, 3D MA deinterlacing, Dynamic contrast enhancement, Motion compens. deinterlacing, Progressive scan
- Clinical image: D-Image preset (dicom part 14 compatible)
- Operating system: Android 8.0

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
1920 x 1080	60Hz
1680 x 1050	60Hz
1600 x 1200	60Hz
1440 x 900	60Hz
1280 x 1024	60Hz
1280 x 800	60Hz
1280 x 720	60Hz
1152 x 870	75Hz
1024 x 768	60, 70, 75Hz
800 x 600	56, 60, 72, 75Hz
720 x 400	70Hz
640 x 480	60, 67, 72, 75Hz
1152 x 864	75Hz
832 x 624	75Hz

- Video formats

Resolution	Refresh rate
3840 x 2160	60Hz
3840 x 2160	30Hz
1080p	50, 60Hz
1080i	50, 60Hz
576p	50Hz
576i	50Hz
480p	60Hz
480i	60Hz
720p	50,60 Hz

Connectivity
- Video input: DVI-D (x1), HDMI 2.0 (x2), USB 2.0 (x2), VGA (Analog D-Sub) (x1)
- Audio input: 3.5 mm jack
- Audio output: 3.5mm jack
- External control: RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack, RJ45

Convenience
- Keyboard control: Hidden, Lockable
- Network controllable: RS232, RJ45
- Signal loop through: RS232, IR Loopthrough
- Energy saving functions: Smart Power
- Remote control signal: Lockable
- Tiled Matrix: Up to 15 x 15
- Placement: Landscape (16/7)
- Start-up: Switch on delay, Switch on status, Boot on source
- Start-up window: enable / disable Philips logo

Dimensions
- Bezel width: 13.9 mm (Even bezel)
- Set dimensions (W x H x D): 973.0 x 561.2 x 63.5 mm
- Set dimensions in inch (W x H x D): 38.31 x 22.09 x 2.50 inch
- VESA Mount: 200mm x 200mm , M6
- Product weight: 11.29 kg
- Product weight (lb): 24.91 lb

Operating conditions
- Altitude: 0 ~ 3000 m
- Temperature range (operation): 0 ~ 40 °C
- Temperature range (storage): -20 ~ 60 °C
- MTBF: 50,000 hour(s)
- Humidity range (operation)[RH]: 20 ~ 80% RH (No condensation)
- Humidity range (storage) [RH]: 5 ~ 95% RH (No condensation)

Power
- Mains power: 100 - 240V~, 50/60Hz
- Standby power consumption: <0.5 W
- Comsumption (Max): 152 W
- Consumption (Typical): 108 W
- 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
- Included Accessories: IR sensor cable (1.8 m) (x1), RS232 daisy-chain cable, Philips logo (x1), USB Cover and screw (x2)
- Stand: BM05922(optional)

Multimedia Applications
- USB Playback Video: MPEG, H.264, H.263, H.265, VP8
- USB Playback Picture: BMP, JPEG, PNG
- USB Playback Audio: AAC, HEAAC, MPEG

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

Internal Player
- CPU: Dual core cortex A53 1.1G Hz, Dual core cortex A73 1.15G Hz
- GPU: ARM Mali G51
- Memory: 2GB DDR3, 16GB

WARRANTY: *3 year warranty, parts and labor.

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