Datalux Signage Solutions
Q-Line Display

85"
Direct LED Backlight 4K/Ultra HD

DL85Q/500

Stand out from the crowd

Your versatile and easy-to-set-up 24x7 display. Inform and enthral with a Datalux Q-Line 4K Ultra HD Professional LED display. This reliable, easy-to-install, Android powered signage solution is Beam 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

DataLux

Highlights

SmartBrowser

Connect and control your content via the cloud with the integrated HTML5 browser. Using the Chromium based browser, design your content online and connect a single display, or your complete network. Show content in both landscape and portrait mode, with fullHD resolution. Simply connect the display to the internet using WiFi or with an RJ45 cable, and enjoy your own created playlists.

FailOver

Critical for demanding commercial applications, FailOver is a revolutionary technology that automatically plays back-up content on screen in the unlikely event of an input source or application failure. Simply select a primary input

connection and a FailOver connection and you are ready for instant content protection.

Integrated media player

Easily schedule content to play from USB or from internal memory. Your Datalux Professional Display will wake from standby to play the content you want, and then return to standby once playback is done.

Interact (optional)

Wirelessly screen share using your existing Wi-Fi network to instantly and securely connect devices, or use our optional HDMI Interact dongle to cast directly onto the screen without connecting into the secured network.

Powered by Android 11

Powered by our Android 11 SoC platform, these hard-working Datalux professional displays are optimised for native Android apps, and you can install web apps directly onto the display too. Flexible and secure, ensuring display specs stay up to the moment for longer.

Datalux Beam

Unlock the power, versatility and intelligence inside your Datalux Q-Line displays remotely with Beam. This evolutionary cloud platform puts you fully in control, with simplified installation and set-up, monitoring and controlling displays, upgrading firmware, managing playlists and setting power schedules. Saving you time, energy and environmental impact.

4K Ultra HD   Clinical D-**Image**   Smart**Power**   Smart**Control**   Smart**Player**

Specifications

Picture/Display
- Screen size (inch): 85 inch
- Aspect ratio: 16:9
- Panel resolution: 3840 x 2160
- Pixel pitch: 0.372 x 0.372 mm
- Optimum resolution: 3840 x 2160 @ 60 Hz
- Brightness: 400 cd/m²
- Display colors: 1.07 Billion (10 Bit color)
- 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, Progressive scan, Dynamic contrast enhancement
- Panel technology: IPS Panel / DLED
- Operating system: Android 11
- Haze: 2%

Connectivity
- Audio output: 3.5mm jack (x 1), SPDIF (x 1)
- Video input: USB 2.0 (x2), DVI-I (x 1), HDMI 2.0 (x2), USB 3.0 (x1)
- Audio input: 3.5 mm jack
- Other connections: micro SD, OPS
- External control: RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack, RJ45

Convenience
- Placement: Landscape (24x7), Portrait (24x7)
- Tiled Matrix: Up to 3 x 3
- Keyboard control: Hidden, Lockable
- Remote control signal: Lockable
- Signal loop through: RS232, IR Loopthrough
- Ease of installation: Smart Insert
- Energy saving functions: Smart Power
- Network controllable: RS232, RJ45

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

Power
- Mains power: 220 - 240V~, 50/60Hz
- Consumption (Typical): 168 W
- Standby power consumption: <0.5W
- Power Saving Features: Smart Power
- Energy Label Class: G

Supported Display Resolution
- Computer formats: 1024 x 768, 60, 70, 75Hz, 1152 x 864, 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, 60 Hz, 50 Hz, 720 x 400, 70Hz, 800 x 600, 56, 60, 72, 75Hz, 800 x 600, 56,60,72 Hz, 832 x 624, 75Hz
- Video formats: 1080p, 50, 60Hz, 2160p, 50, 60Hz, 1080i, 50, 60Hz, 720p, 50,60 Hz

Dimensions
Set Width: 1913.4 mm
Product weight: 48.8 kg
Set Height: 1095.2 mm
Set Depth: 90.1 mm (D@wall mount) / 117.5 mm (D@handle)
Set Width (inch): 75.31 inch
Set Height (inch): 43.12 inch
Wall Mount: 600 mm × 600 mm, M8
Set Depth (inch): 3.55 (@ wall mount) / 4.63 (@ handle) inch
Bezel width: 14.9 mm (Even bezel)
Product weight (lb): 107.4 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, H.263, H.265, MPEG1/ 2, MPEG4, VP8, VP9
- 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, Datalux logo (x1), AC Power Cord, AC Switch Cover, Cable clip (x2), HDMI cable (1.8 m) (x1), Quick start guide, Remote control & AAA batteries, RS232 cable, USB Cover (x1), Wall mount, Floor Mount (Optional)

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

DataLux

www.dataluxsystems.com