

LUXX Light + Retail Technology

eShelf[®]

ESP65

47.1" Digital Stretch Screen
(LUXX-ESP65-500)



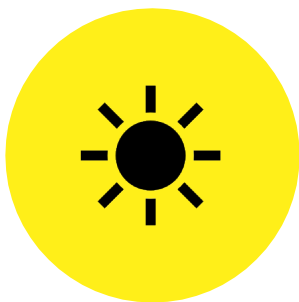
Engaging shelf signage.



The 47.1" Digital Stretch Screen is a sleek, high-definition display designed for 24/7 operation, making it perfect for continuous use in retail, hospitality, and other commercial settings. This stand-alone unit supports independent playback, allowing you to effortlessly display content without needing a network connection. Ideal for digital signage applications that require clear, eye-catching visuals in compact spaces.

Whether you're showcasing promotions, menus, or product information, this durable and energy-efficient display delivers sharp, vibrant content around the clock.

Vibrant



Our high-definition LCD display delivers crystal-clear visuals with vibrant colors and sharp details, ensuring your content stands out with stunning clarity.

Convenient



This stand-alone unit offers hassle-free operation, allowing you to play content directly without the need for a network or external connections.

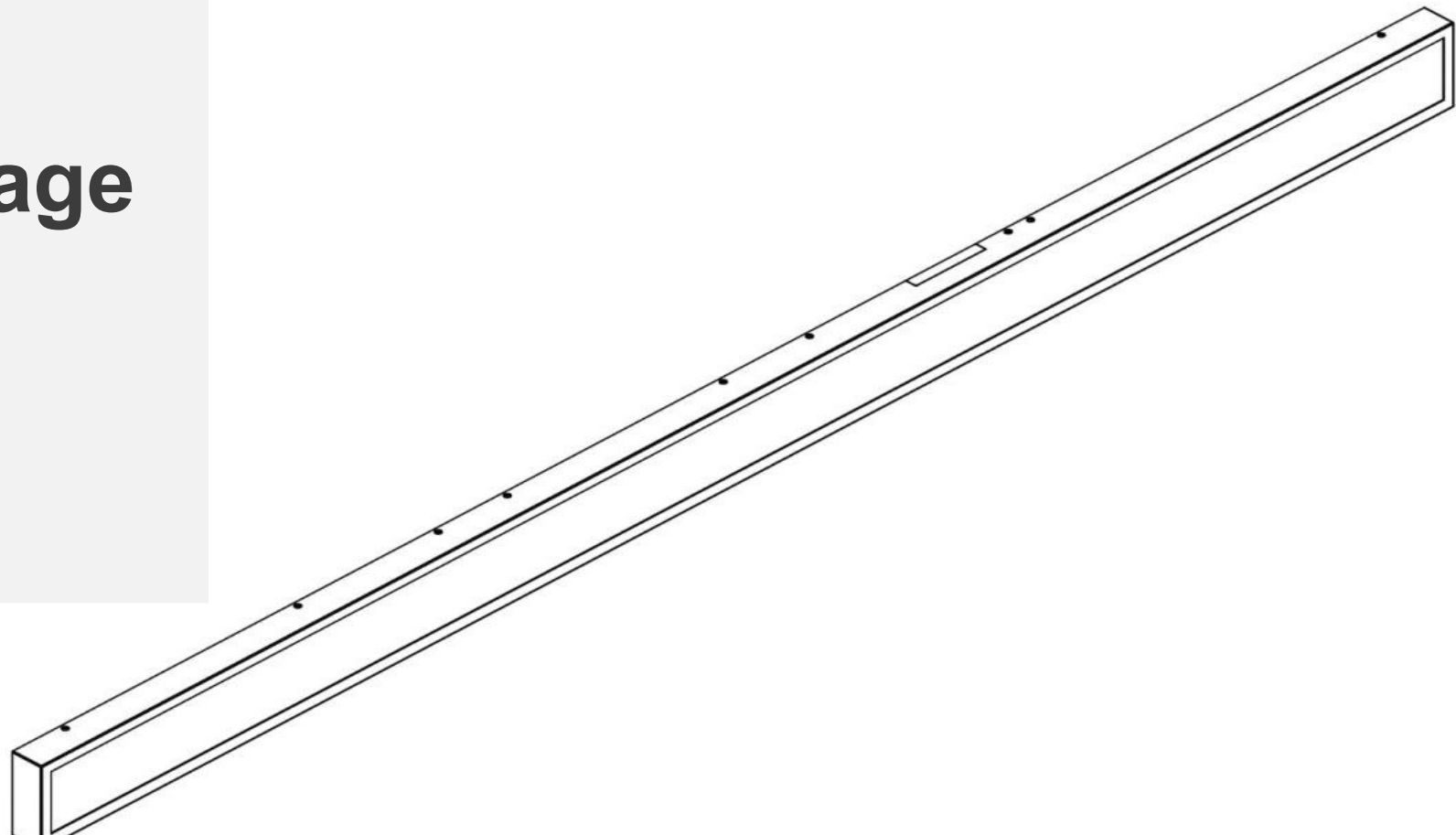
Reliable



Supports 24/7 continuous operation, ensuring your content stays visible and engaging around the clock.

Let your message stand out

With a vibrant digital display.



LCD Screen

Size	47.1"
Dimension	1214.8 x 68.8 x 25.0mm
Active area	1196.16(H) x 49.84(V) mm
Resolution	3840(V) x 160(H)
Backlight	LED
Brightness (nits)	500cd/m ²
Lifespan	50000 hours
Viewing angle	89/89/89/89
Contrast	1000: 1
Frequency	60 Hz
Display color	16.7M

Systems

CPU	T972 Quad core ARM Cortex-A55 1.9GHz
RAM	2G (4G/8G optional)
ROM	16G EMMC (32G/64G EMMC optional)
Memory extension	128G TF, TF Card extension with the highest support for 128GB
Networks	Built-in WIFI (default 2.4G single frequency, configurable to 2.4G/5G dual frequency)
Bluetooth	Bluetooth V4.2
Interface	1*Micro USB (OTG), 1*TF Card, 1*USB-A, 1*USB-C Power Input (DC12V). Must match with our special adapter for power supply
OS	Android 9.0

Packing Info

N.W	≤ 3KG
Packing Dimension (5 Pcs/CTN)	1300 x 380 x 150mm
G.W. (5 Pcs/CTN)	17.6KG

Accessories

Optional	Power adapter, Mounting bracket, OTG cable
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Power

Power consumption	≤ 35W
Voltage	DC 12V

Environment

Working environment	Temperature: 0°C~50°C Humidity: 10%~85% Atmospheric Pressure: 86KPa~104KPa
Storage environment	Temperature: -20°C~60°C Humidity: 5%~95% Atmospheric Pressure: 86kPa~104kPa

Warranty

Year	1Y (more options on request)
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Supported Media Formats

- Audio - MP3, WMA, WAV, APE, FLAC, AAC, OGG, M4A, 3GPP formats
- Video - Multi-format 1080P 60fps video decoding (H.265, H.264, VC-1, MPEG-1/2/4, VP8), 1080P video encoding, supports H.264, VP8
- Picture - Supports browsing of various image formats such as JPG, BMP, PNG and supports rotation/slideshow/image enlargement functions

Note: LCD screens, including eShelf, may experience image retention or burn-in without effective content management.

What is Image Retention?

Image retention refers to any image that "sticks" on a screen, even when the content changes. It usually appears as a faint ghost that fades after a moment.

What is Image Burn-In?

Burn-in is a form of image retention that lasts much longer. It is a visible mark that remains, no matter what you are watching or doing.

Causes of Burn-In

- Videos that have a static logo, such as product logos, can leave a burn-in if displayed for a prolonged period
- Pausing a video and leaving the eShelf on for prolonged periods

Avoiding Burn-In

To prevent eShelf burn-in,

- **AVOID** displaying static images or videos that have a static logo on eShelf
- **ALWAYS** incorporate dynamic content to maintain eShelf's quality over time.

