

eShelf[®]

ESP30-W

23.1" Digital Stretch Screen
(LUXX-ESP30-700-W)



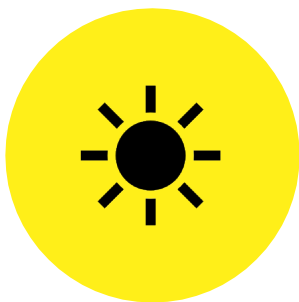
Engaging shelf signage.



The 23.1" 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.

Compatible



Compatible with a broad range of input voltages (15-36V DC), offering businesses flexibility in installation across different regions.

Convenient



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

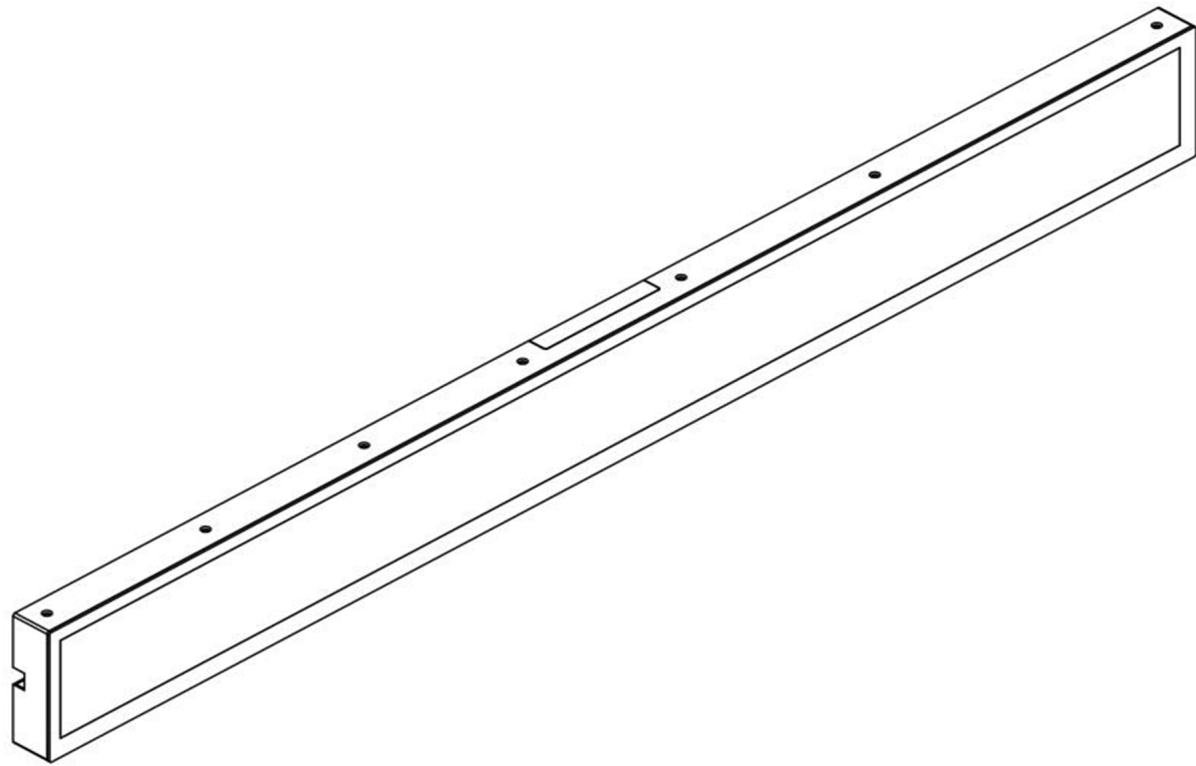
Reliable



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	23.1"
Dimension	597.2 x 61.8 x 15mm
Active area	585.6(H) x 48.19(V) mm
Resolution	1920(V) x 158(H)
Backlight	LED
Brightness (nits)	700cd/m²
Lifespan	30000 hours
Viewing angle	85/85/85/85
Contrast	1000: 1
Frequency	60 Hz
Display color	16.7M
Response time	3 ms

Systems	
CPU	RKPX30 Quad core ARM Cortex-A35
RAM	1G (1G/2G/4G/8G optional)
ROM	8G EMMC (8G/16G/32G/64G EMMC optional)
Memory extension	64G TF, TF Card extension with the highest support for 64GB
Networks	2.4G WIFI, support 2.4G WIFI connection
Bluetooth	Bluetooth V4.0
Interface	1*micro USB (OTG), 1*TF Card, 1*USB-C power input (DC 15-36V). Must match with our special adapter for power supply
OS	Android 8.1

Packing Info	
N.W	0.65KG
Packing Dimension (5 Pcs/CTN)	820 x 300 x 140mm
G.W. (5 Pcs/CTN)	5KG

Accessories	
Optional	Power adapter, Mounting bracket, OTC cable

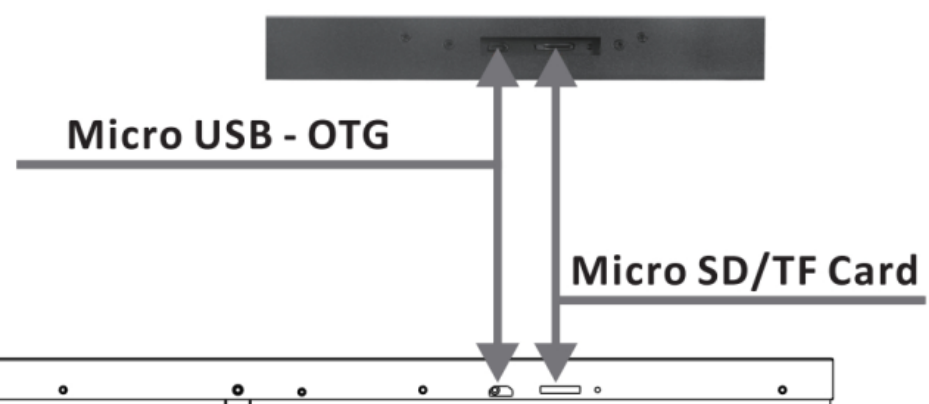
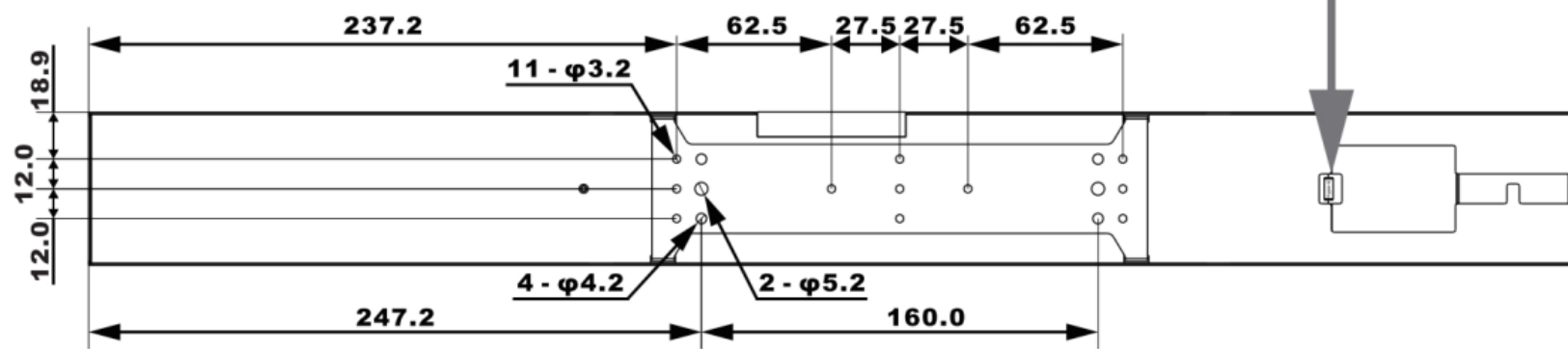
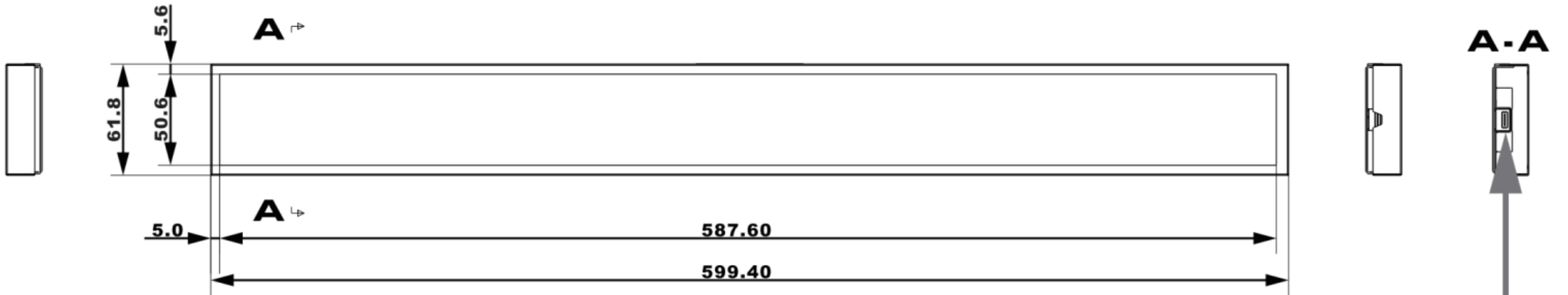
Power	
Power consumption	≤ 18W
Voltage	DC 15-36V

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)

Supported Media Formats	
<ul style="list-style-type: none">Audio - MP3, WMA, WAV, APE, FLAC, AAC, OGG, M4A, 3GPP formatsVideo - Multi-format 1080P 60fps video decoding (H.265, H.264, VC-1, MPEG-1/2/4, VP8), 1080P video encoding, supports H.264, VP8Picture - 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
<ul style="list-style-type: none">Videos that have a static logo, such as product logos, can leave a burn-in if displayed for a prolonged periodPausing a video and leaving the eShelf on for prolonged periods
Avoiding Burn-In
To prevent eShelf burn-in,
<ul style="list-style-type: none">AVOID displaying static images or videos that have a static logo on eShelfALWAYS incorporate dynamic content to maintain eShelf's quality over time.



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ESP30-W
V1.1-2025-03-OR

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Item No.:	LUXX-ESP30-700-W
Input Voltage:	15-36V DC
Power:	Max.18W
Screen Size:	23.1 inch
Active Area:	585.6 x 48.19mm
Resolution:	1920 × 158px
System:	Andriod 8.1
Radio:	2.4GHz 17.72dBm Max.

LUXX



LUXX Light Technology (HK) Ltd.
www.luxx.com