

eShelf[®] ESP45

29" Digital Stretch Screen (LUXX-ESP45-700)



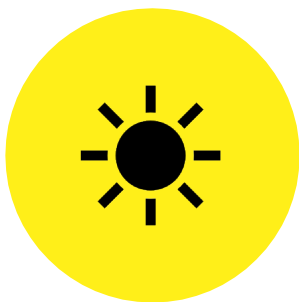
Engaging shelf signage.



The 29" 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.

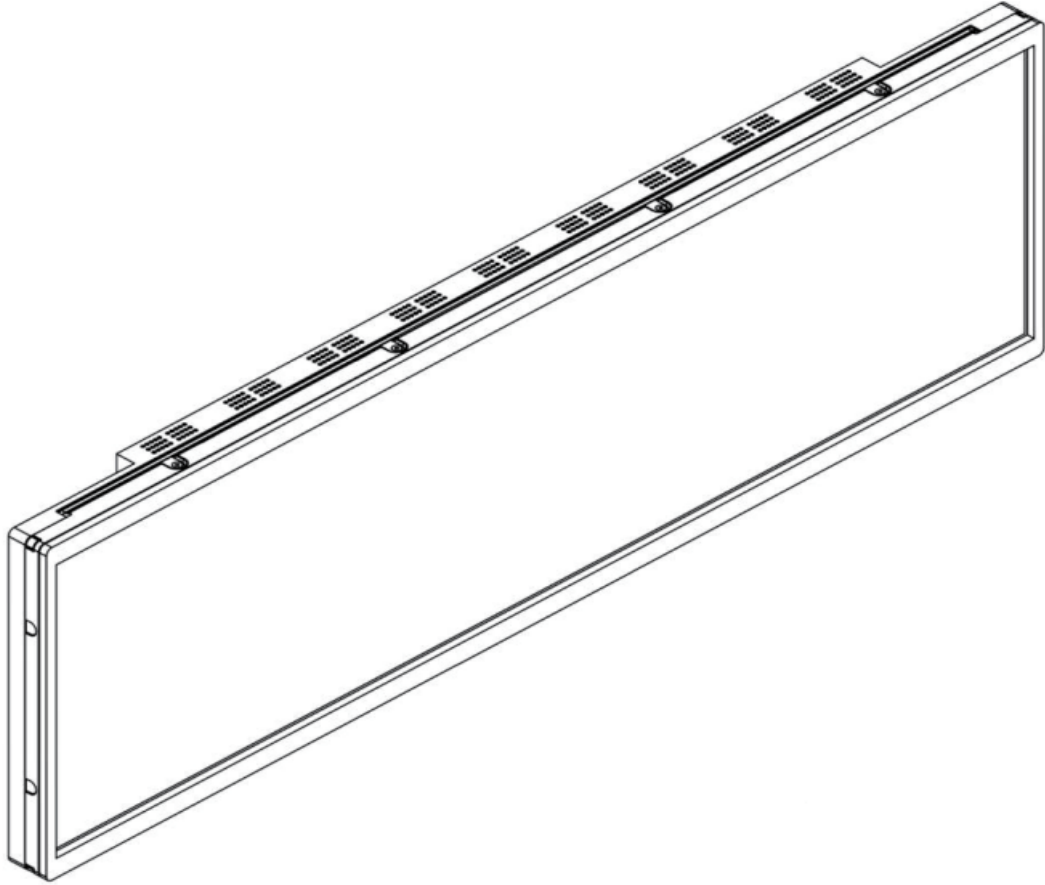
Reliable



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	29"
Dimension	720.8 x 226.5 x 40.2mm
Active area	705.6(H) x 198.45(V) mm
Resolution	1920(V) x 540(H)
Backlight	LED
Brightness (nits)	700cd/m²
Lifespan	50000 hours
Viewing angle	178°(V) x 178° (H)
Contrast	1200: 1
Frequency	60 Hz
Display color	16.7M, 72% NTSC
Response time	8 ms

Systems	
CPU	RKPX30 Quad core ARM Cortex-A35
RAM	1G DDR3 – 512MB*2 (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*DC 5.5 Port Power Input, 1*USB-A (OTG), 1*USB-A, 1*TF card, 1*100M Broadband RJ 45 Network Port, 1*Earphone, 1*Reset Button, 1*IR Remote (Reserved Position). Must match with our special adapter for power supply
OS	Android 8.1

Packing Info	
N.W	≤ 4.4KG
Packing Dimension (2 Pcs/CTN)	830 x 210 x 300mm
G.W. (2 Pcs/CTN)	9.35KG

Accessories	
Optional	Power adapter, Mounting bracket, OTC cable

Power	
Power consumption	≤ 30W
Voltage	DC 12V

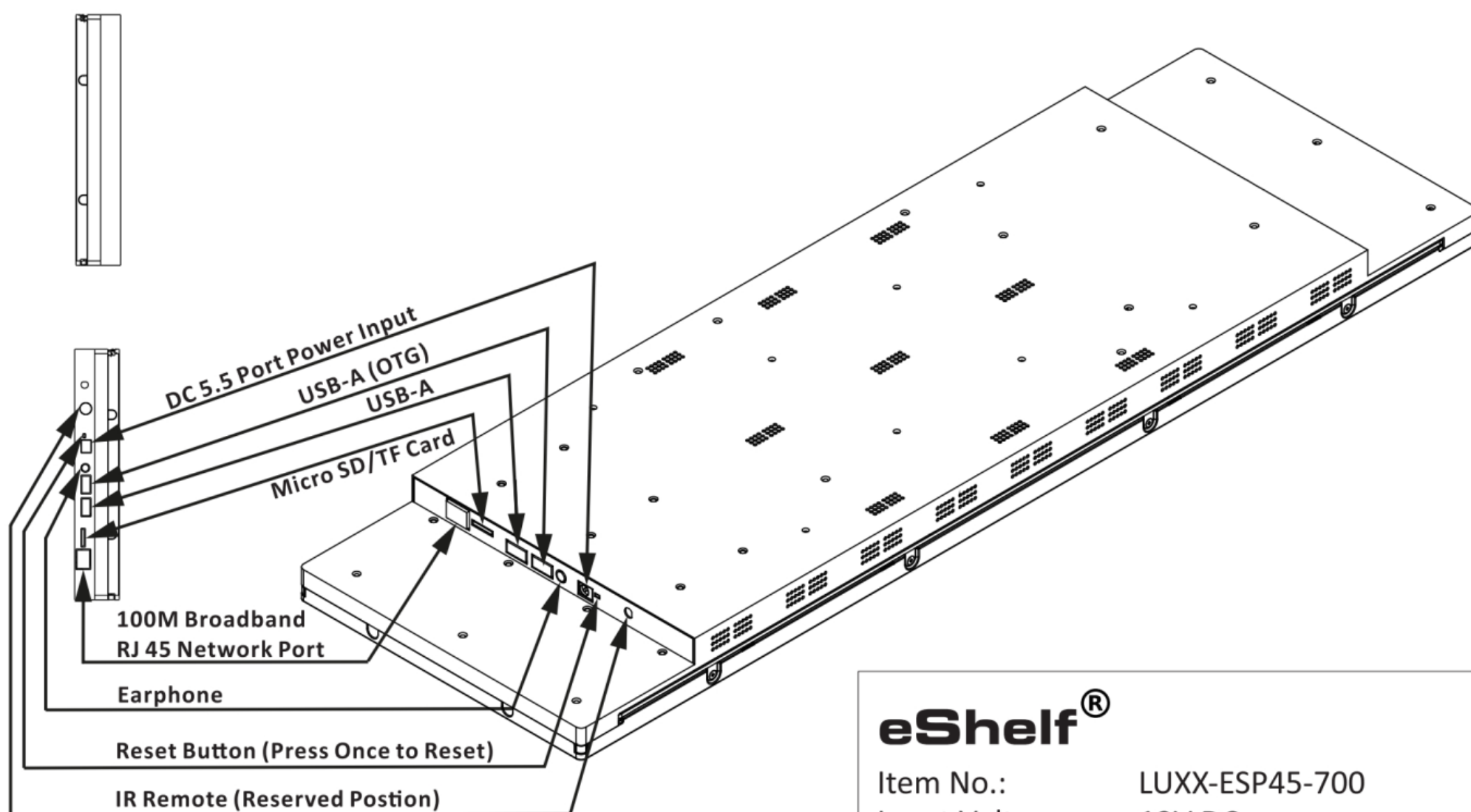
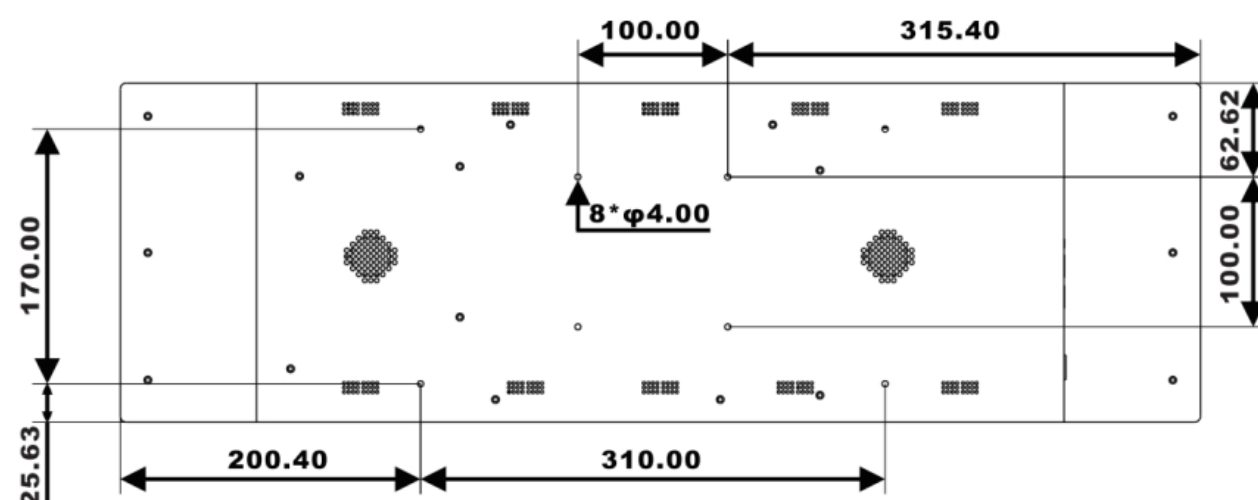
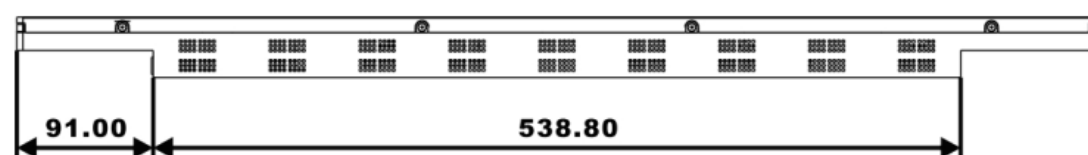
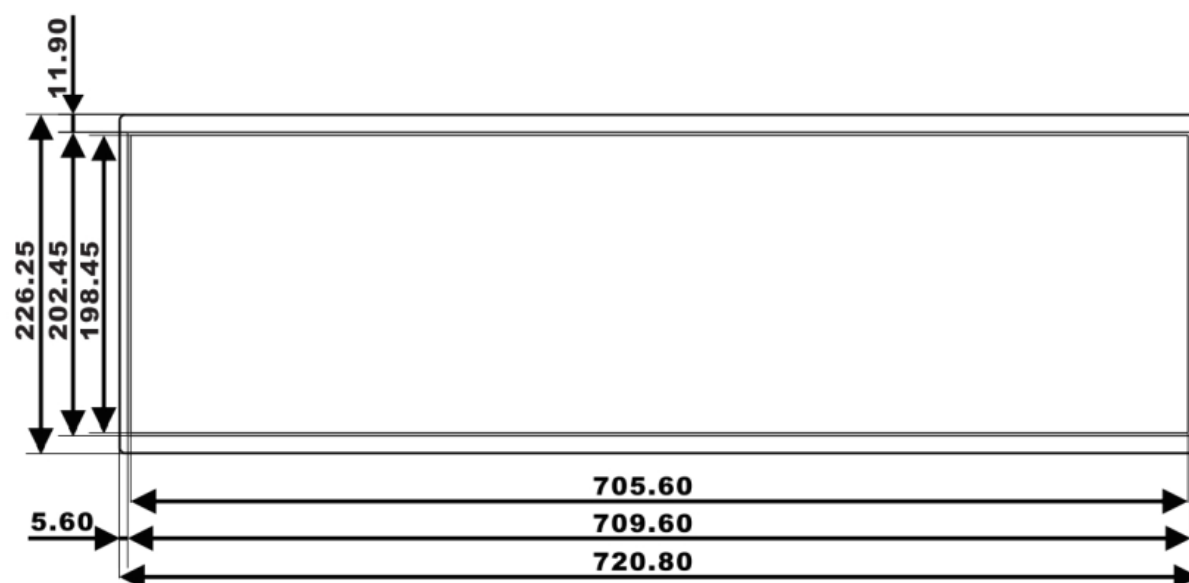
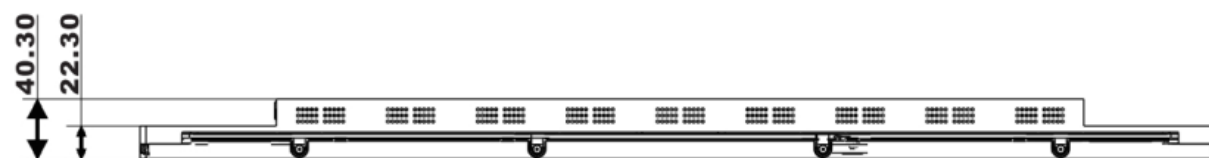
Environment	
Working environment	Temperature: 0°C~50°C
	Humidity: 10%~85%
	Atmospheric Pressure: 86KPa~104KPa
Storage environment	Temperature: -20°C~60°C
	Humidity: 5%~95%
	Atmospheric Pressure: 86kPa~104kPa

Warranty	
Year	1Y (more options on request)

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.



eShelf®
ESP45
V1.1-2025-03-OR

eShelf®

Item No.: LUXX-ESP45-700
Input Voltage: 12V DC
Power: Max.30W
Screen Size: 29 Inch
Active Area: 705.6 x 198.45mm
Resolution: 1920 x 540px
System: Andriod 8.1
Radio: 2.4GHz 17.72dBm Max.

LUXX



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