MERCANTIES INTERNATIONAL TRADE
EXPORT IMPORT CONSULTING

WHAT IS AN LED ROLLING SCREEN?

The LED Rolling Screen is a next-generation, innovative display product with an advanced structural design that can roll up like paper. Its ultra-thin and ultra-light features enable versatile applications, making it a potential replacement for traditional LED displays.

1. Revolutionary Design
- Flexible structure allows the screen to roll like paper, solution for various scenarios.

2. High-Definition Display
- Supports multiple pixel pitches: P0.78, P0.9, P1.25, P1.5625, P1.953, P2.6, P3.91mm

3. GOB Technology
- Features IK10 impact resistance and IP65 waterproof rate with anti-slip and anti-glare surfaces, ensuring stability in complex environments.

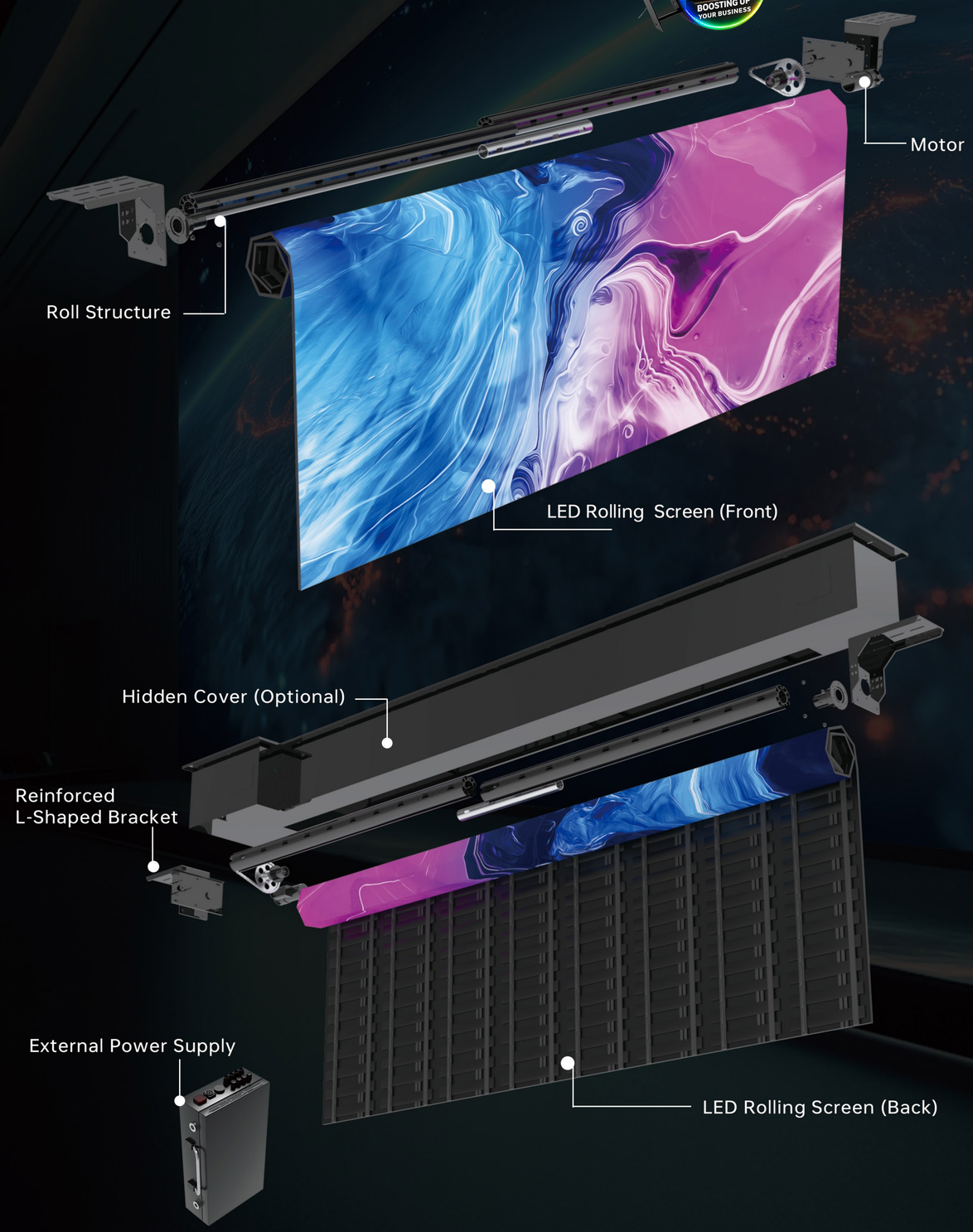
4. High-Performance Materials
- 6063 aluminum frame with stretching technology ensures seamless splicing and supports up to 2500kgs load capacity.

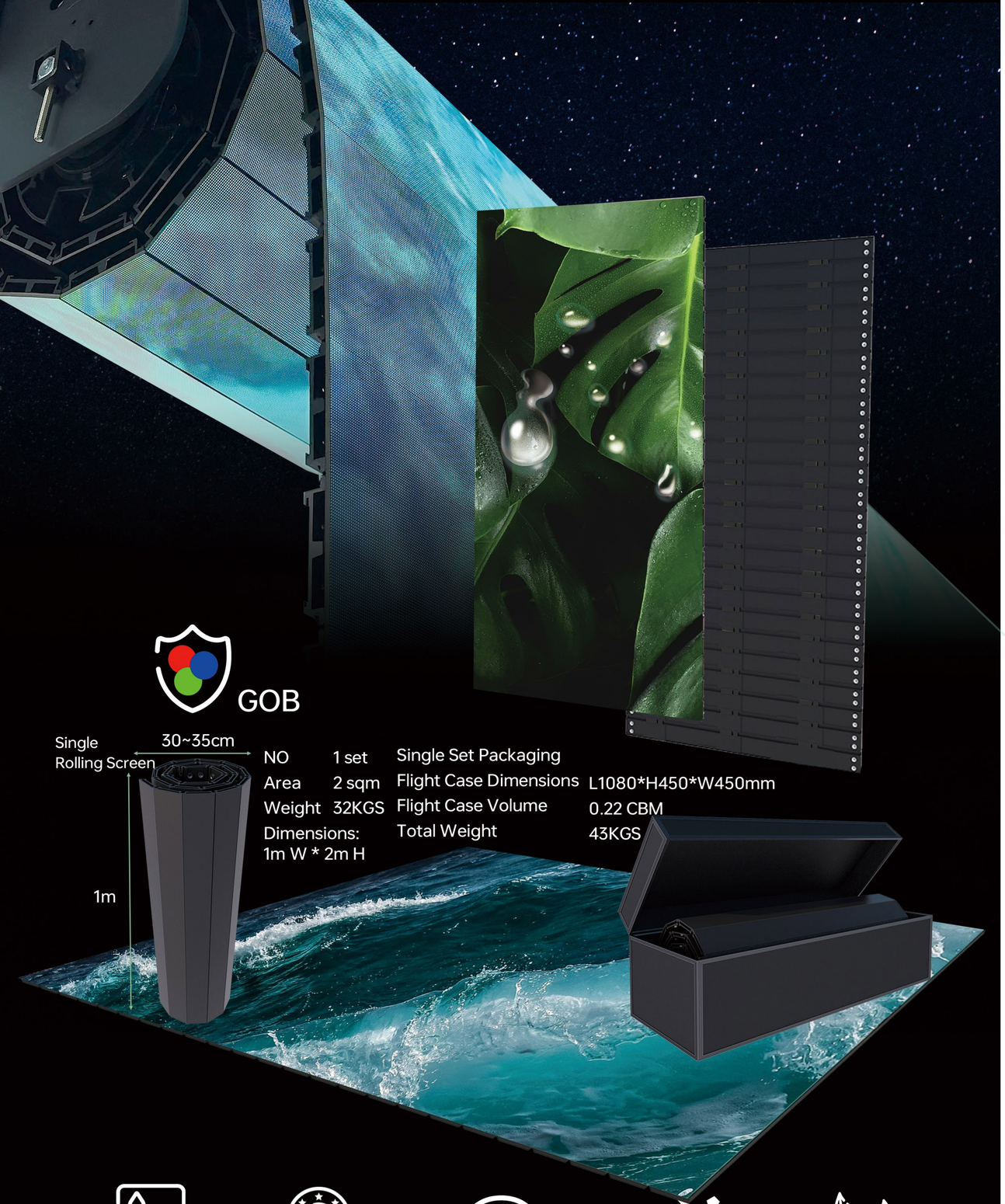
5. Convenient & Portable
- Simple, free installation design for easy setup, storage, and transport.

6. Safe 36V Low-Voltage Design
- External power supply with 36V safety voltage ensures secure operation in any environment.

Scroll Design | Mechanical Lift | HD | Floor | Easy Setup | High Performance | IP65

LED Rolling Shutter Screen Breakdown Diagram

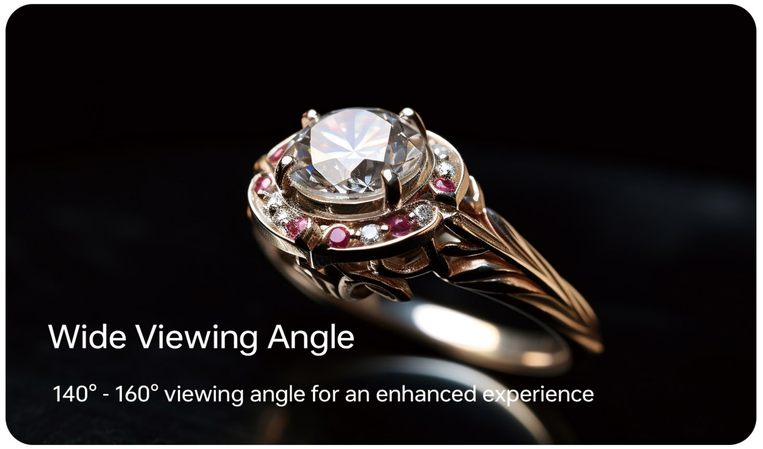




GOB - LED Rolling Screen Advantages

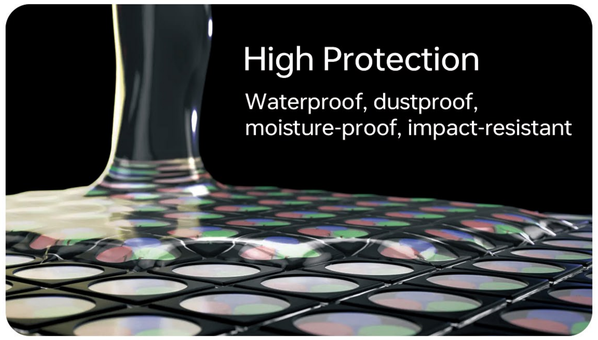
External Power Box

Easy installation
improves system stability



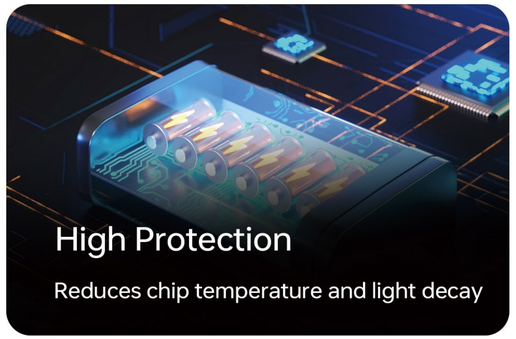
Wide Viewing Angle

140° - 160° viewing angle for an enhanced experience



High Protection

Waterproof, dustproof,
moisture-proof, impact-resistant



High Protection

Reduces chip temperature and light decay

Precision Mechanical Roll Design

One-button lift control

ROLLING GATE

GOB Technology | Mechanical | Hidden | Lift Control | Custom Size | IP65

Rolling Gate Screen: Brand Display & Nightscape Decoration
Designed for shutters, extends brand visibility after hours and enhances city views.
Ideal for classrooms, meeting rooms, malls, and exhibition halls.

Multiple Pixel Pitches Available

P0.78/P0.9/P1.2/P1.5/P1.9/P2.6/P3.9mm

Meets Various Scenarios

GOB Protection

Moisture-proof and anti-collision suitable for complex environments

One-Button Lift

Remote control, hidden installation

Safe Power Supply

36V/24V DC input

Flexible Size Customization

Customizable size to fit various scenarios.

High-resolution, realistic image quality, excellent color accuracy and visual experience

Specifications

Model	P0.78	P1.25	P1.56	P1.95	P2.6	P3.91
LED	SMD0606	SMD1010	SMD1010	SMD1010	SMD1415	SMD2020
Module Size (mm)	250*62.5	500*62.5	500*62.5	500*62.5	500*62.5	500*62.5
Module Resolution	320 x 80	400 x 50	320 x 40	256 x 32	192 x 24	128 x 16
Pixel Density (pixels/m²)	1643524	640000	409600	262144	147456	65536
Brightness (CD/m²)	>500cd	>600cd	>600cd	>600cd	>800cd	>800cd
Weight (KG/m²)	16KGS	16KGS	16KGS	16KGS	16KGS	16KGS
Max Power	512w/㎡	512w/㎡	512w/㎡	512w/㎡	512w/㎡	512w/㎡
Average Power	170w/㎡	170w/㎡	170w/㎡	170w/㎡	170w/㎡	170w/㎡
Scan Method	1/80	1/50	1/40	1/32	1/24	1/16
Refresh Rate	3840HZ	3840HZ	3840HZ	3840HZ	3840HZ	3840HZ
Wateproof Rating	IP65 (Front) / IP41 (Rear)					

ROLLING FLOOR

GOB Technology | For Stage Use | Flat Surface | Strong Load | Custom Size | IP65

PK

Shadows and Dark Lines on Mask
Obvious Seam Gaps and Screw Points
Poor Display Quality
Low Color Contrast

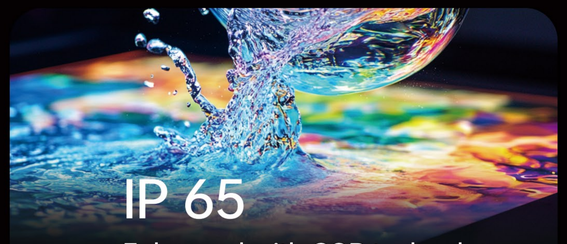
Leader in Fine-Pitch Floor Screens

- No PC mask
- Seamless, clear display
- Stunning display quality
- High color contrast

Multiple Pixel Pitches Available

P0.78/P0.9/P1.2/P1.5/P1.9/P2.6/P3.9mm

Customizable Interactive System
Meets various scenarios



IP 65

Enhanced with GOB technology

High Load Capacity

Supports up to 2.5 tons

Easy Installation

No additional support needed, can be placed directly on the ground.

High Pressure Tolerance
Supports 100kg per point

Seamless Precision

No gaps or visible screws

Specifications

Model	P1.25	P1.56	P1.953	P2.604	P3.91
Module Size (mm)	W500XH62.5	W500XH62.5	W500XH62.5	W500XH62.5	W500XH62.5
Module Resolution (pixels)	400X50	320X40	256X32	192X24	128X16
Color Depth	12~16bit	12~16bit	12~16bit	12~16bit	12~16bit
Refresh Rate (Hz)	≥3,840	≥3,840	≥3,840	≥3,840	≥3,840
Scanning Method	1/50	1/40	1/32	1/24	1/16
Brightness	>600cd/m²	>600cd/m²	>600cd/m²	>800cd/m²	>800cd/m²
Viewing Distance (m)	≥1.2	≥1.5	≥1.9	≥2.6	≥3.9
Screen Weight (kg/m²)	16KGS	16KGS	16KGS	16KGS	16KGS
Wateproof Rating	IP65 (Front) / IP41 (Rear)				

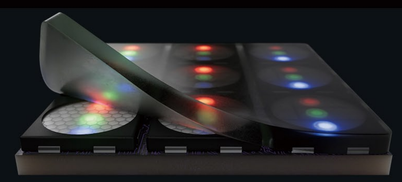
ROLLING FLOOR

Interactive

GOB Technology | Interactive | Flat Surface | Strong Load | Custom Size | IP65

Multiple Pixel Pitches Available

P1.9、P2.6、P3.9mm
Versatile for Various Scenarios,
Supports U3D Adaptive Format



IP65 Protection

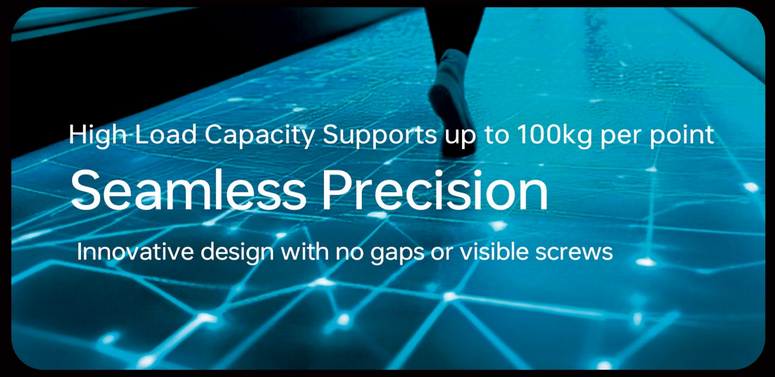
Enhanced durability with GOB technology

Interactive Data

30ms response speed,
zero blind spots

Infrared Sensors

16 sensors per module



Interactive Floor Screen

Redefining smart interaction with 16 sensors per module. Supports multi-user operation, ensuring stability and smooth performance for large-scale scenarios.

Specifications

Model	P1.95	P2.6	P3.91
LED	SMD1010	SMD1415	SMD2020
Module Size (mm)	250*125	500*125	500*125
Module Resolution	128x 64	192 x 48	128 x 32
System	Self-Developed System		
Brightness (CD/m²)	>600cd	>800cd	>800cd
Weight (KG/m²)	16KGS	16KGS	16KGS
Scanning Method	1/32	1/24	1/16
Max Power Consumption	512w/m²		
Average Power Consumption	170w/m²		
Refresh Rate	3840HZ		
Waterproof Rating	IP65 (Front) / IP41 (Rear)		

ROLLING POSTER

GOB Technology | Wi-Fi | Quick Installation | Ultra Portable | Custom Size | IP65

Poster Rolling Screen supports PC/Android, with Wi-Fi for content management and USB plug-and-play.

Multiple Pixel Pitches Available

P0.78/P0.9/P1.2/P1.5/P1.9/P2.6/P3.9mm

Meets Various Scene Requirements, Replacing Traditional Posters

Multi-Screen Splicing

16:9 Ratio for 4K Display

Bezel-Free Design

Seamless Splicing, Easy Operation

Supports Wi-Fi, HDMI, USB & Network

Single-Sided & Double-Sided Options

Multiple Installation Methods

Floor Stand, Fixed Install, Hanging, Multi-Screen Combinations

Specifications

Model	PD-S01 (Single-sided)	PD-D02 (Double-sided)
Screen Size	H 1 mX W 2 m	H 1 mX W 2 m
Screen Area	2 m^2	2 m^2X2
Height	2 m	2 m
Width	1 m	1 m
Thickness	6cm	8.8cm
Brightness	600~800nits	600~800nits
Weight	49 KGS	84 KGS
Control Method	Wifi, USB, HDMI, Network	Wfi, USB, HDMI, Network
Waterproof Rating	IP65 (Front) / IP41 (Rear)	

** P0.78,P0.9, P1.2, P1.9, P2.6, P3.9

ROLLING TV

GOB Technology | Movie | Easy Setup | Cine-quality | Custom Size | IP65

Multiple Pixel Pitches Available

P0.78/P0.9/P1.2/P1.5/P1.9/P2.6/P3.9mm

For various scenes, ideal for temporary setups like weddings, press conferences, and parties.

Storage Design

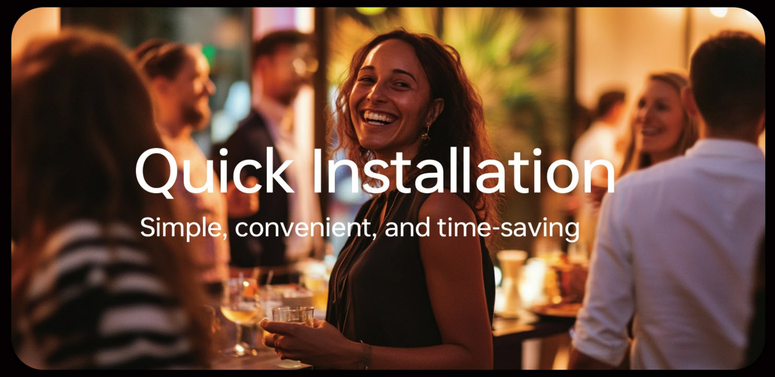
Compact size, occupies only 0.6 cubic meters

Ultra-thin design, just 14mm thick

Installation Methods

Supports (hanging) & (fixed)

Full Wi-Fi, HDMI & USB, Network Support



Specifications

Model	P1.25mm	The package includes:
Screen Size	(W)2mX(H)1m	P1.25 LED Roll Screen (1 roll)
Screen Resolution	1,400 X 800 (1080p)	Nova Conference Player (1 unit)
Brightness	600nits	Camera Stand (1 set)
Refresh Rate	3,840Hz	Adjustment Hooks (2 pieces)
Unit Screen Size	2mX1m (1 set)	Hanging Brackets with Two Rings (2 sets)
Weight	32KGS	Support Rails
Control System	Nova / Colorlight / Magnimage	Cat6 Ethernet Cable (2 meters)
Waterproof Rating	IP65 (Front) / IP41 (Rear)	Power Box (1 unit)