

# **OUTDOOR GRILLE DISPLAY**

Outdoor Digital Signage, Media Façade, Architecture Media, Freeform Trends.

Based on the core products of the new generation of LED outdoor display and Landscape lighting applications, We have cross-border LED display and lighting fields. Serving Outdoor Digital Signage, Media Façade, Architecture Media, Transparent Display and Freeform Trends. северное ЖАТНОМОНИШ Shenzhen Unilumin Joyway Tech Co.,Ltd (formerly Shenzhen Joyway Technoligy Co.,Ltd.) is a wholly-owned subsidiary of Unilumin Technology Co., Ltd. (Stock Code: 300232).

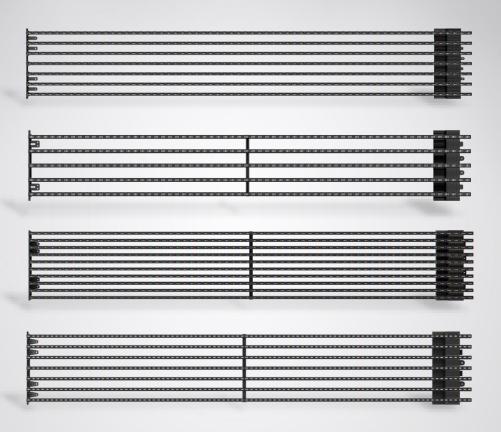
Founded in 2009, Joyway is a supplier of outdoor digital signs, media facade based in Shenzhen China, We empower businesses with the most technologically advanced outdoor products available. Our products is designed to withstand the harshest environmental conditions any electronic component could be exposed to.

Our customers and partners are the leading lighting design, architecture and engineering firms, as well as the premier developers and brands. Together we have completed over 2,000 installations worldwide, including renowned architectural landmarks.

Flexibility, simplicity, and innovation are our guiding principles. From product development, customization competence and integrated solutions, to worldwide project management, planning and support services, these values drive and shape us within our ever-evolving industry.



# GRILLE DISPLAY O Series





#### Integrated Module Design

Built-in power & data processor, One-line connection and easier cable management.



#### Light Weight, Low Profile

Only 8-12Kg per square meter. Low Profile Design, At only 8" deep after installation, the display integrates within the surrounding structure



#### High Brightness, Low Power Consumption

Industry Leading Brightness( 7500-10000nit),
The average power consumption is only 100-140
w/m², Decreased operating costs without sacrificing
brightness



#### **High Degrees Of Transparency**

Varying degrees of transparency from 60%-75% which makes display look transparent



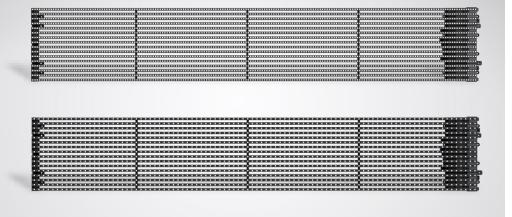
#### Front ventilation & Front installation

The connected nature of the elements allows for faster installation Front ventilation system has air intake and exhaust all through the front face.

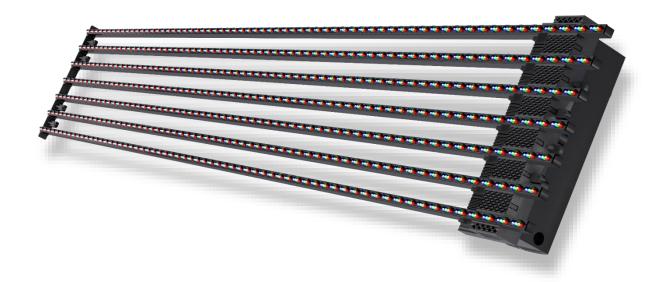


Overall Ip67 Protection Level

# GRILLE DISPLAY F Series



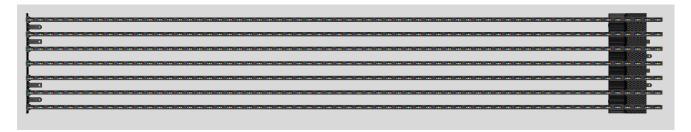


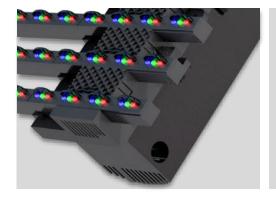


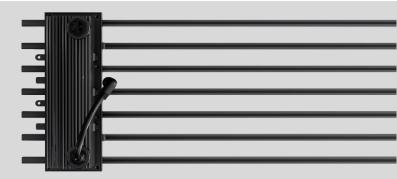
# O-2536E

PRODUCT MODEL	O-2536E (Standard Edition)	O-2536E/Pro (Professional Edition)		
LED	DIP (1R1G1B)	DIP (1R1G1B)		
LED	(R≥2000mcd, G≥4000mcd, B≥900mcd)	(R≥3000mcd, G≥6000mcd, B≥1000mcd)		
MATERIAL	Aluminum Body & PC Mask (can customize the color)			
PIXEL PITCH	25 mm /36.5 mm			
RESOLUTION	1094 dot/m²			
UNIT PERMUTATION	Horizontal   Vertical			
UNIT SIZE	1600×256mm (Horizontal); 256×1600mm (Vertical) (Length can be customized)			
RESOLUTION/UNIT	64×7 dot			
BRIGHTNESS	7500-8000 nit 10000 nit			
TRANSPARENCY	73%			
WEIGHT	10 .5 kg/m²			
INPUT VOLTAGE	AC 110 -240 V			
MAX. POWER CONSUMPTION	350 w/m² 380 w/m²			
INSTALLATION	Front & Back			
PROTECTION	IP67			
GRAY SCALE	RGB 16384 bit (3×14bit) RGB 65536 bit (3×16bit)			
REFRESH RATE	≥1920 Hz ≥3840Hz			
FRAME RATE	≥60 Hz			
WORKING ENVIRONMENT	Temperature: -30℃ to +60℃; Humidity: 10%-90%			
		Parameters will change according to the specific project		





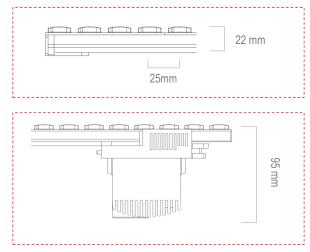


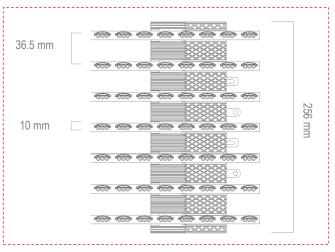


## UNIT SIZE

1600mm (Length can be customized, up to 1800mm)



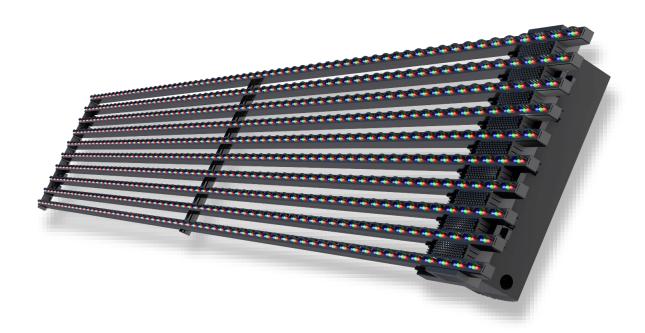




NOTE: 1. The size is a standard size, the length of the unit is customizable and the height is not customizable;

2. This unit is a horizontal mounting unit, vertical mounting unit is the same size, but the LED lamp arrangement angle and mask cap direction are different.





## O-2525E

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LED

MATERIAL

**PIXEL PITCH** 

**RESOLUTION** 

**UNIT PERMUTATION** 

**UNIT SIZE** 

**RESOLUTION/UNIT** 

**BRIGHTNESS** 

**TRANSPARENCY** 

**WEIGHT** 

**INPUT VOLTAGE** 

MAX. POWER CONSUMPTION

**INSTALLATION** 

**PROTECTION** 

**GRAY SCALE** 

REFRESH RATE

FRAME RATE

**WORKING ENVIRONMENT** 

O-2525E (	Standard	Edition)
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DIP (1R1G1B)

(R≥2000mcd, G≥4000mcd, B≥900mcd)

O-2525E/Pro (Professional Edition)

DIP (1R1G1B)

(R≥3000mcd, G≥6000mcd, B≥1000mcd)

Aluminum Body & PC Mask (can customize the color)

25 mm /25.6 mm

1562 dot/m<sup>2</sup>

Horizontal | Vertical

1600×256mm (Horizontal); 256×1600mm (Vertical) (Length can be customized)

64×10 dot

7500-8000 nit

12000 nit

60%

13 .5 kg/m<sup>2</sup>

AC 110 -240 V

440 w/m<sup>2</sup>

Front & Back

**IP67** 

RGB 16384 bit (3×14bit)

RGB 65536 bit (3×16bit)

≥3840Hz

400 w/m<sup>2</sup>

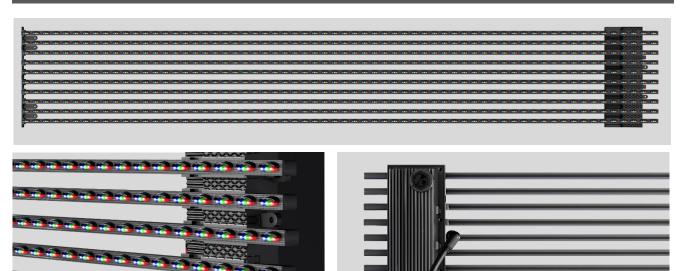
≥1920 Hz

≥60 Hz

Temperature: -30°C to +60°C; Humidity: 10%-90%

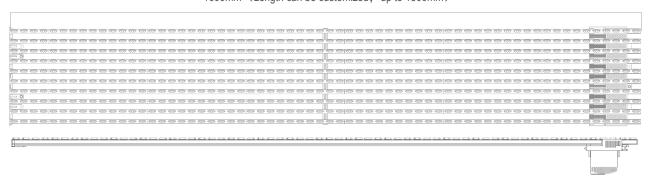
Parameters will change according to the specific project

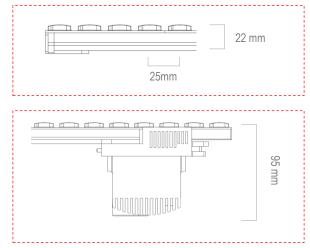


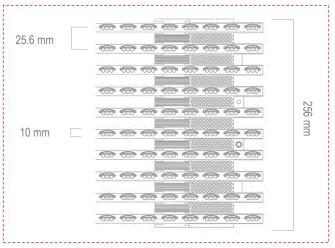


## UNIT SIZE

1600mm (Length can be customized, up to 1800mm)







NOTE: 1. The size is a standard size, the length of the unit is customizable and the height is not customizable;

2. This unit is a horizontal mounting unit, vertical mounting unit is the same size, but the LED lamp arrangement angle and mask cap direction are different.

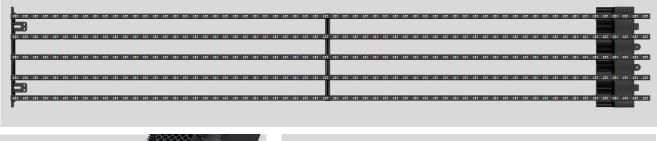


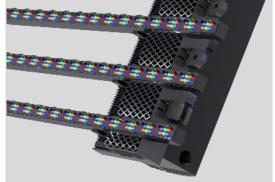


# O-H2550E

PRODUCT MODEL	O-H2550E (Professional Edition)		
LED	Aluminum Body & PC Mask (can customize the color)		
MATERIAL	DIP (2R2G2B) (R≥2000mcd, G≥4000mcd, B≥900mcd)		
PIXEL PITCH	25 mm /51.2 mm		
RESOLUTION	781 dot/ m²		
UNIT PERMUTATION	Horizontal   Vertical		
UNIT SIZE	1600×256mm (Horizontal); 256×1600mm (Vertical) (Length can be customized)		
RESOLUTION/UNIT	64×5 dot		
BRIGHTNESS	12000 nit		
TRANSPARENCY	72%		
WEIGHT	10.5 kg/ m²		
INPUT VOLTAGE	AC 110 -240 V		
MAX. POWER CONSUMPTION	350 w/ m²		
INSTALLATION	Front & Back		
PROTECTION	IP67		
GRAY SCALE	RGB 65536 bit (3×16bit)		
REFRESH RATE	≥3840 Hz		
FRAME RATE	≥60 Hz		
WORKING ENVIRONMENT	Temperature: -30°C to +60°C; Humidity: 10%-90%		
	Parameters will change according to the specific project		



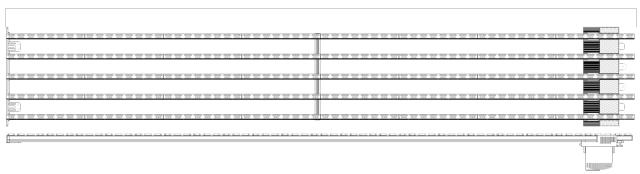


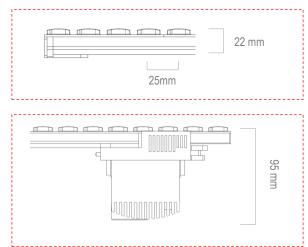


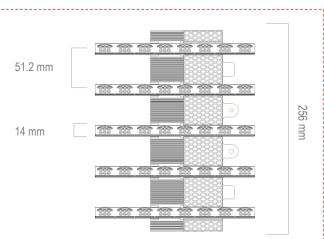


## UNIT SIZE

1600mm (Length can be customized, up to 1800mm)



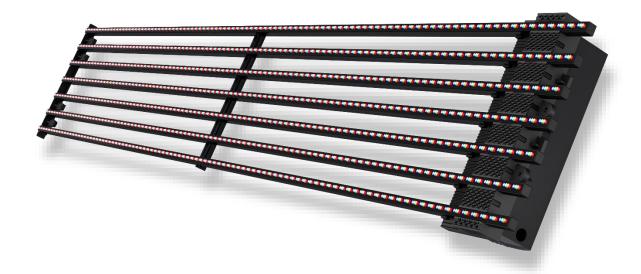




 ${f NOTE}$ : 1. The size is a standard size, the length of the unit is customizable and the height is not customizable;

2. This unit is a horizontal mounting unit, vertical mounting unit is the same size, but the LED lamp arrangement angle and mask cap direction are different.





## O-1636E

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LED

**MATERIAL** 

**PIXEL PITCH** 

**RESOLUTION** 

**UNIT PERMUTATION** 

**UNIT SIZE** 

**RESOLUTION/UNIT** 

**BRIGHTNESS** 

**TRANSPARENCY** 

**WEIGHT** 

**INPUT VOLTAGE** 

MAX. POWER CONSUMPTION

**INSTALLATION** 

**PROTECTION** 

**GRAY SCALE** 

REFRESH RATE

FRAME RATE

**WORKING ENVIRONMENT** 

O-1636E (Standard Edition)	O-1636E/Pro (Professional Edition)
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DIP (1R1G1B) DIP (1R1G1B)

 $(R \ge 2000 \text{mcd}, G \ge 4000 \text{mcd}, B \ge 900 \text{mcd})$ (R≥3000mcd, G≥6000mcd, B≥1000mcd)

Aluminum Body & PC Mask (can customize the color)

36.5 mm/16mm

1710 dot/ m<sup>2</sup>

Vertical

256×1536mm (Vertical) (Length can be customized)

7×96 dot

7500-8000 nit 12000 nit

73%

11 kg/ m<sup>2</sup>

AC 110 -240 V

420 w/m<sup>2</sup> 380 w/m<sup>2</sup>

Front & Back

IP67

RGB 16384 bit (3×14bit)

RGB 65536 bit (3×16bit)

≥1920 Hz

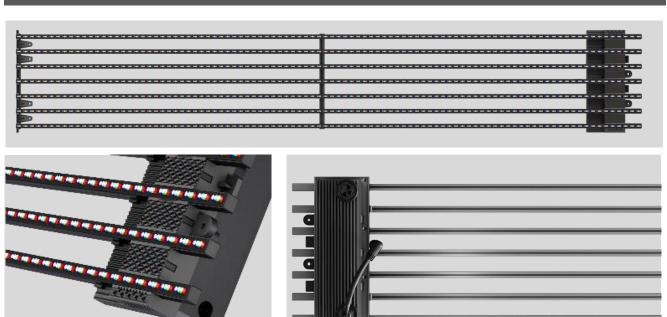
≥60 Hz

Temperature: -30°C to +60°C; Humidity: 10%-90%

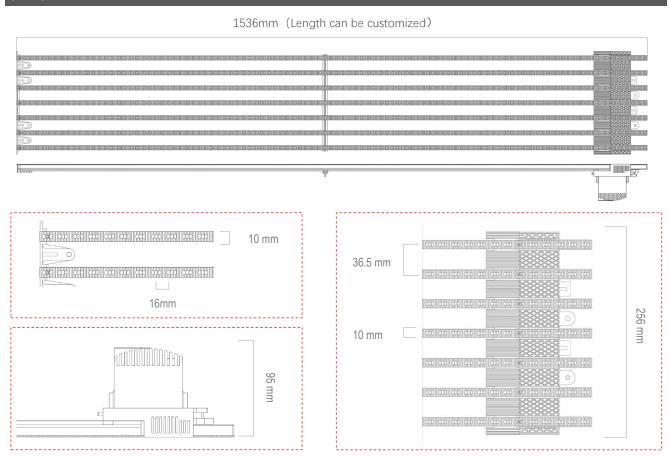
※ Parameters will change according to the specific project

≥3840Hz





#### UNIT SIZE



 ${f Note}$ : The unit size is O-1636E standard size, the unit length can be customized, the width is not customizable





# **APPLICATIONS**

Outdoor Digital Signage Media Façade Architecture Media Freeform Trends





