LAMPRO

LAMPRO
LSK SERIES

New Role for HD Outdoor

Display A Better World

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Product Overview

01

MORE PROFESSIONAL，MOST EFFECTIVE

Product Overview

01 Fine pixel pitch for outdoor

02 Ultra light, ultra slim

03 Excellent waterproof performance

04 Innovative cooling design

05 Reliable cabinet design

06 Smart module*

07 Hassle-free anti-drop design*

08 Module maintenance

09 Control box maintenance

Product Overview

P2.6

P2.9

P3.9/4.8/5.9

500mmX1000 mm

P2.6

P2.9

P3.9/4.8/5.9

(Vertical installation)

500mmX750mm

Scope of Application

02

MORE PROFESSIONAL，MOST EFFECTIVE

Widely used in a variety of applications
Ultra-clear, ultra-high-definition, freely customized!

Product Features

03

MORE PROFESSIONAL，MOST EFFECTIVE

Fine Pixel Pitch - Brings Your Content to Life

LSK Series

VS

Conventional Display

- P2.6/2.9/3.9/4.8/5.9
- 14-bit grayscale
- 3840Hz refresh rate
- Ultra-high flatness

Attract pedestrians with superior display effect, maximize your outdoor advertisement value

Ultra Light, Ultra Slim

Cabinet weight: 14.2Kg/panel

Cabinet thickness: 82mm

With ultra-thin and light design, LSK easy to install and integrate with the surrounding environment, and reduce labor and transportation costs.

Excellent Waterproof Performance-IP69K

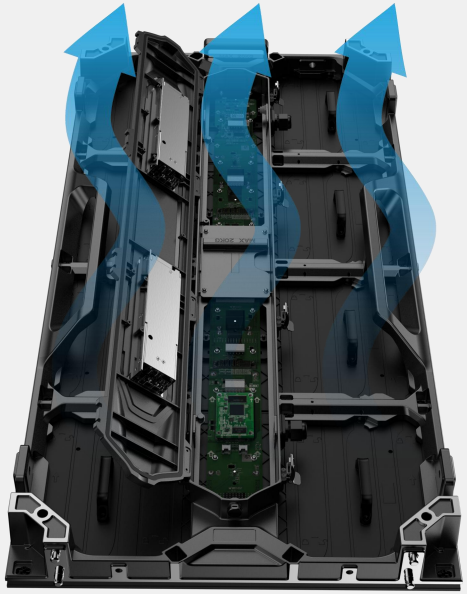
IP69K for superior protection

- Water temperature: 80℃±5℃
- Water pressure: 80~100 bar
- Water flow rate: 14~16L/min
- Water spray distance:10~15cm
- Water spraying angle: 0°, 30°, 60°, 90°
- Water spraying time: 30 seconds per angle

Multiple excellent waterproof designs ensures reliable operation in all working environments.

Innovative Cooling Design

Hollow structure cabinet with large air convection area for quick heat dissipation.

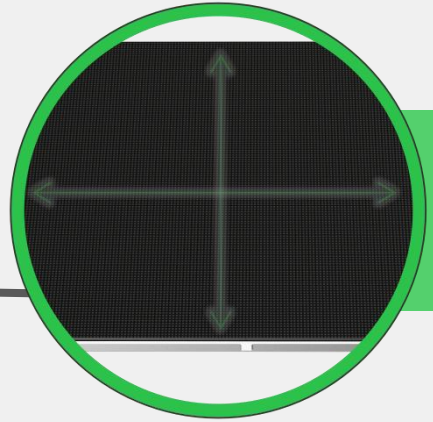


The power supply is placed close to the back cover of the control box to speed up internal heat dissipation.

Reliable Cabinet Design

Die-casting aluminum housing

robust and reliable

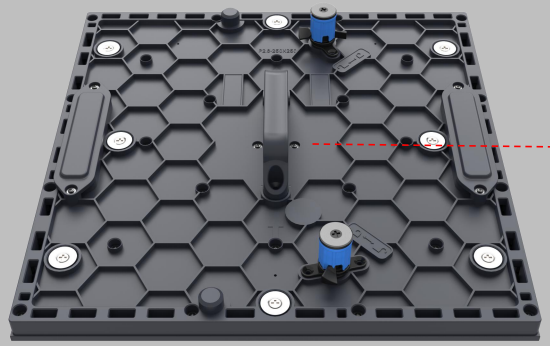


Ultra-high Flatness

Positioning Pin Design

Avoid damage to the lamp beads du
e to bumping against the ground

Smart Module*



Support storage correction coefficient and readback function, module status detection, module voltage detection, module temperature detection, cable detection, and LED spot detection

Meet the demand for high reliability

*Optional，and LSK3.9/4.8/5.9 only supports storage correction coefficient

Hassle-free Anti-drop Design*

The industry's **1st** anti-drop structure design， worry-free with double protection design

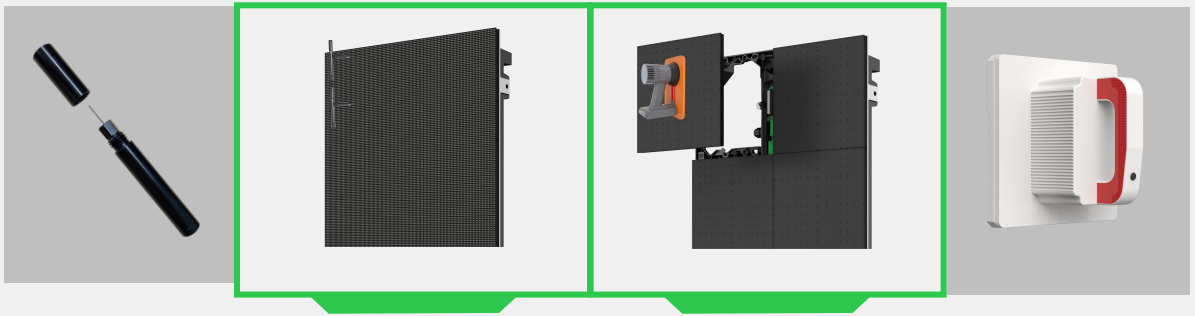
Patented Module Lock & Magnetic Suction

One-key reset, quick and easy

*For LSK2.6/2.9

Module Maintenance - LSK2.6/2.9

Front maintenance



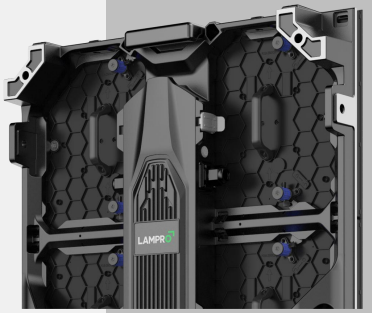
Professional maintenance tool

Insert the site and unlock two locks on the module

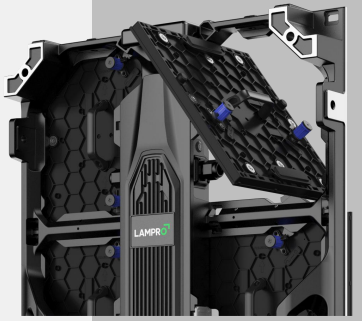
Negative pressure tool to disassemble the module

Vaccum tool

Rotate to unlock the module



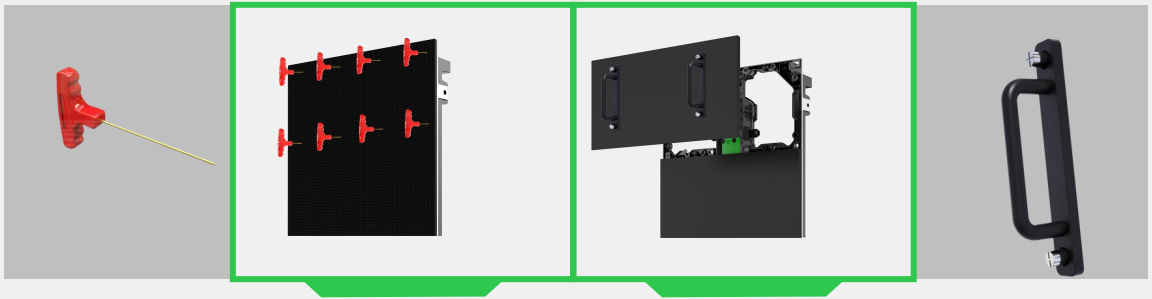
Disassemble the module



Rear maintenance

Module Maintenance - LSK3.9/4.8/5.9

Front maintenance

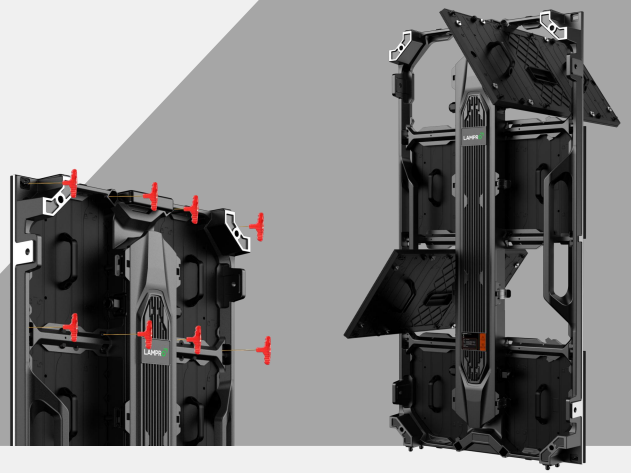


Professional Maintenance tool

Insert the site and unlock four locks in the module

Disassemble the module with the disassemble tool

Disassemble tool



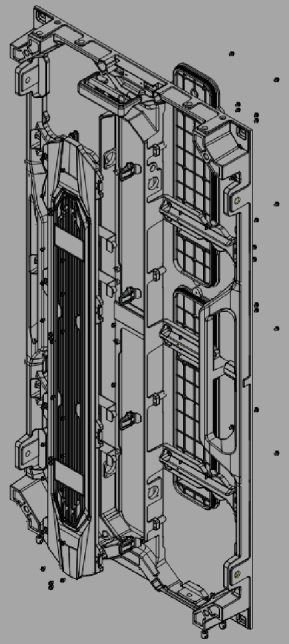
Rear maintenance

Control Box Maintenance

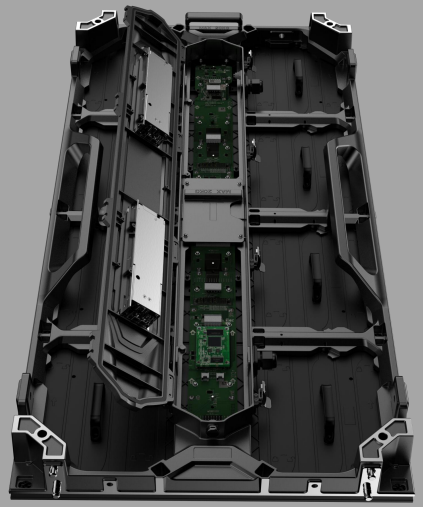
Step 1: Unlock the lock next to the cover of the control box to open the cover.

Step 2: Remove the HUB (the power supply and receiving card are fixed to the HUB), and disconnect the connector for power supply maintenance.

Step 3: Unlock the screws, then the HUB and receiving card can be maintained



Open the front cover

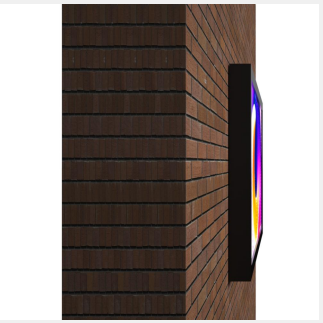


Open the back cover

Multiple Installation Methods

Embedded installation

Hanging installation



Wall installation

Product Specification

04

MORE PROFESSIONAL，MOST EFFECTIVE

Parameter	LSK2.6	LSK2.9	LSK3.9	LSK4.8	LSK5.9
Pixel Configuration	SMD1515	SMD1515	SMD1921	SMD1921	SMD2727
Pixel Pitch (mm)	2.6	2.9	3.9	4.8	5.9
Pixel matrix per module	96x96	86x86	128x64	104x52	84x42
Pixel density(pixels/sq.m.)	147456	112896	65536	43264	28224
Cabinet Dimensions (WxHxD)/ (mm)	500x1000x82/500x750x82		500x750x82/500x1000x82		
Module Dimensions (WxH)/ (mm)	250x250		500x250		
Panel material	Die-Casting Aluminum				
Cabinet weight (kg/m²)	28.6				
Module weight (kg/panel)	0.74	0.66	1.57		
Color Grayscale (Bit)	14bit				
Gray Scale per Color(level)	16384				
Refresh Rate(Hz)	3840				
Signal Transmission Distance(m)	CAT5cable: < 100m;Singlemodefiber: < 10km				
Brightness(nits)	5000	5000	5500	5500	6000
Optimal Horizontal Viewing Angle(°)	160	160	165	150	150
Optimal Vertical Viewing Angle(°)	Up80/down80	Up80/down80	Up70/down75	Up40/down55	Up40/down55
Contrast ratio	3000:1	3100:1	3800:1	7000:1	8500:1
AC Input Voltage(V)	AC:100V~240V				
AC Input Power Maximum Value(W/m²)	820±15%	800±15%	700±15%	730±15%	700±15%
AC Input Power Typical Value(W/m²)	273±15%	267±15%	234±15%	243±15%	234±15%
Storage Temperature(℃)	-40-60℃				
Working Temperature (℃)	-20-50℃				
IP rating (Front/Rear)	IP69K				
Storage Humidity (RH)	10%~90%non-condensing				
Working Humidity (RH)	10%~90%non-condensing				
Lifetime Typical Value(hrs)	100000				
Cabinet installation	fix				

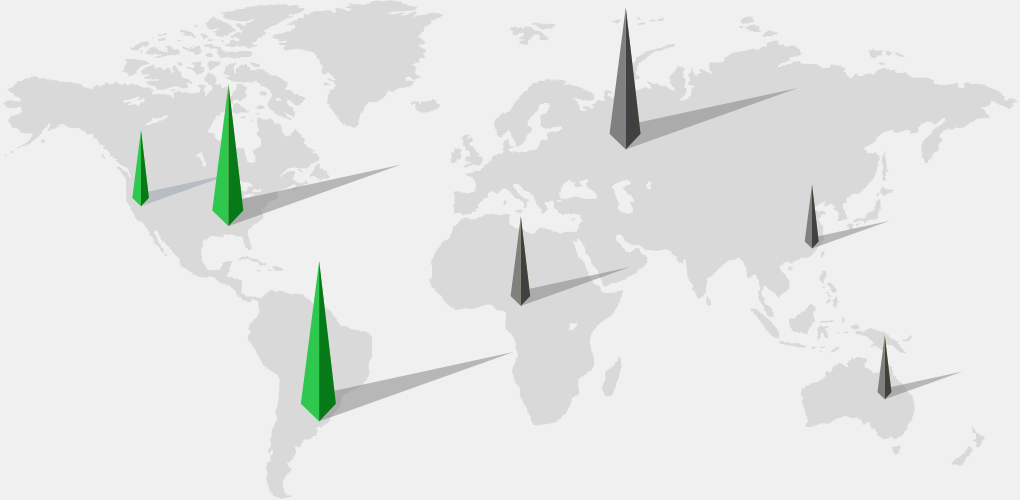
Note:
1.Product pictures are for illustration only, the actual product effects (including but not limited to appearance, color, size) may be slightly different, please refer to the actual product.
2.The specification parameters are reference values. Part of the data comes from Unilumin's internal laboratory and is obtained under a specific test environment. In actual use, it may be slightly different due to product batch differences, configuration differences, software versions, use conditions and environmental factors. Actual usage shall prevail.
3. Different configurations can achieve different refresh rates.

Head office

Tel : +86 - 755 - 27653939
Fax : +86 - 755 - 27653206
E-mail : obu@lampro.net
Add : 6 Lanjing North Road, Pingshan District,
Shenzhen 518118 China
WEB: http://www.lampro.net/

Head of sales

Contactor: lawrence
E-mail : lawrence@lampro.net



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