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March 2023

# *Unilumin*

LED DISPLAY

SINCE 2004  
TOGETHER, FOR A BRIGHTER FUTURE





# COMPANY PROFILE



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## PRODUCT INTRODUCTION

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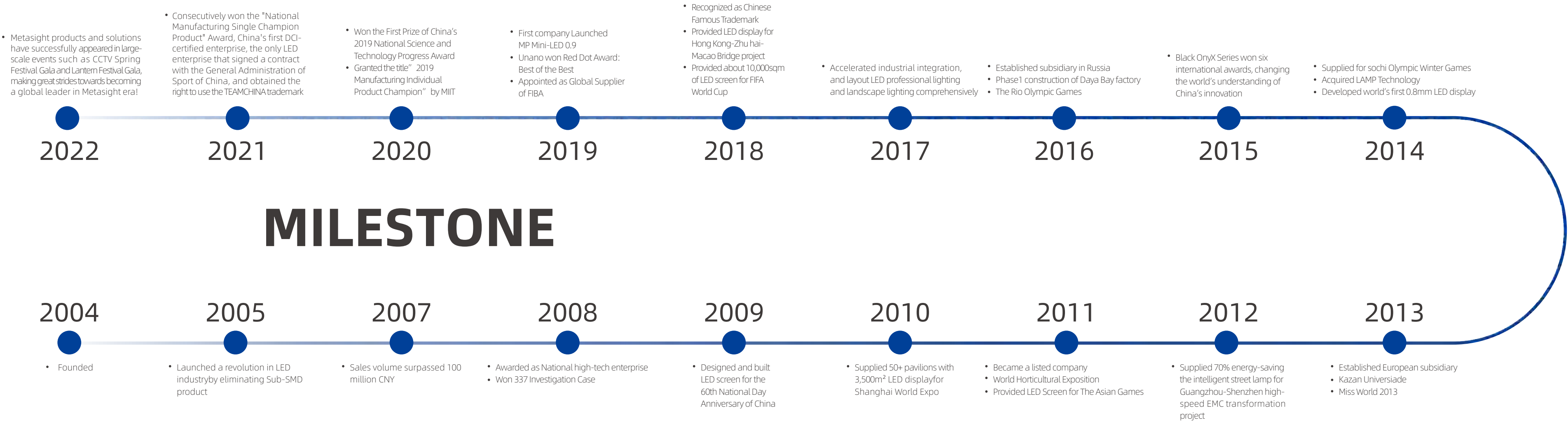
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# COMPANY PROFILE

Unilumin Group Co., Ltd. (stock code 300232) is a world-class LED display solution provider, and aims to provide global customers with high quality LED display products. The LED display market share of Unilumin ranks among the top three in the world for consecutive years.

Unilumin now has the “iron triangle” structure based on Fuhai headquarters, Pingshan and Daya Bay as smart manufacturing bases, equipped with first-class R&D, production and experimental equipment. The level of modernization, scale and standardization are leading the industry in the world. At present, Unilumin is constructing the second phase of Daya Bay Industrial Park. After the completion of the construction, the total construction area of the entire industrial park will reach 400,000 square meters, which will become the world's largest intelligent manufacturing base for LED displays.

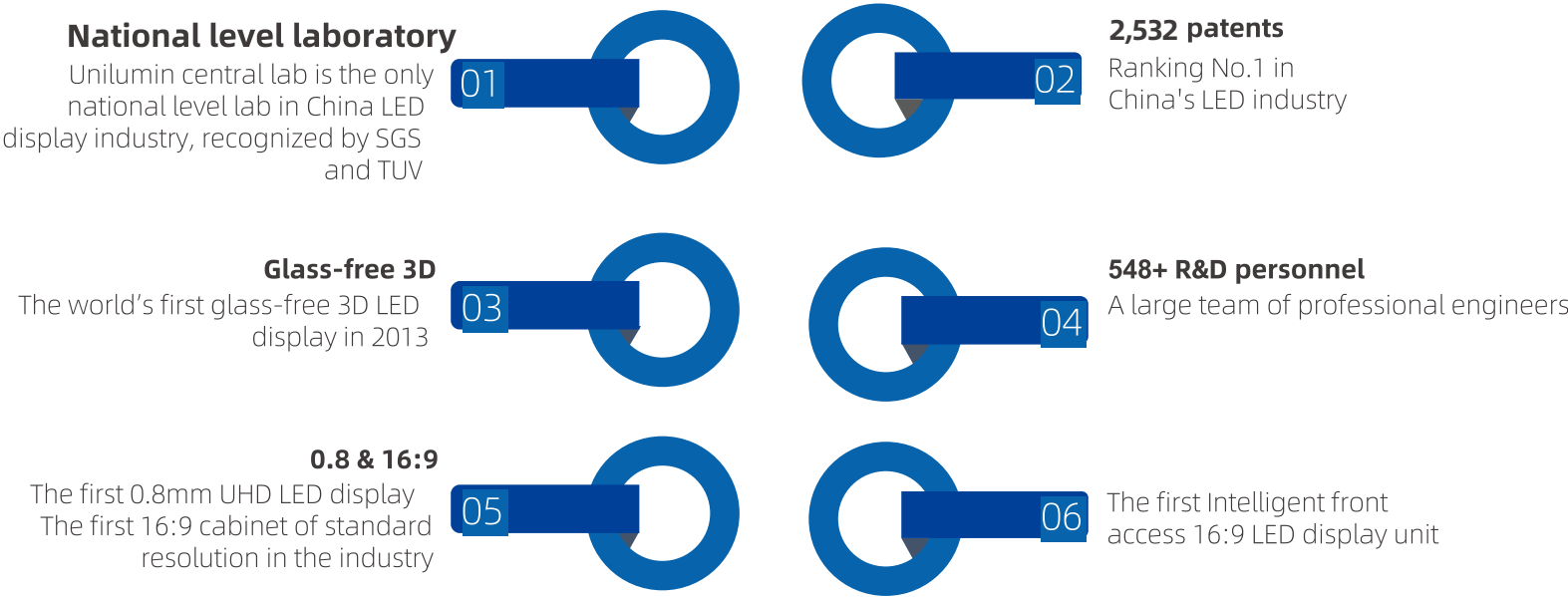






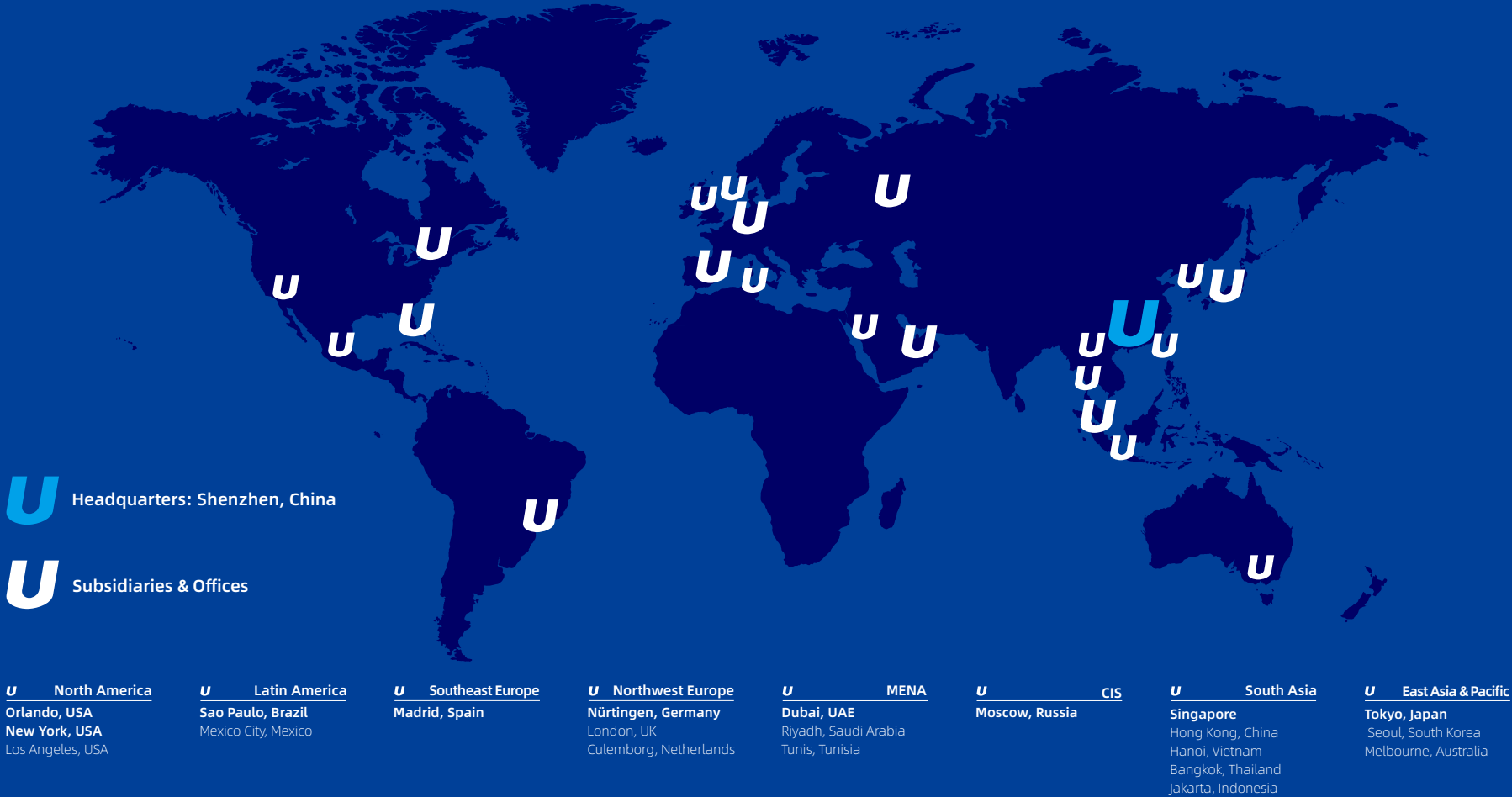
# INNOVATION

Over 5,000+ employees—including 548+ R&D personnel and a large team of professional engineers  
More than 2,532 patents—ranking No.1 in China’s LED industry  
Covering 1,000 square meters of land, the central lab has more than 60 devices for testing



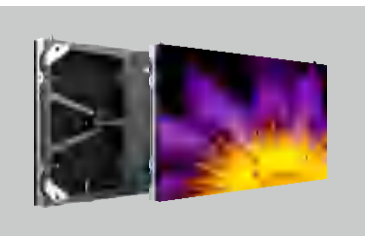
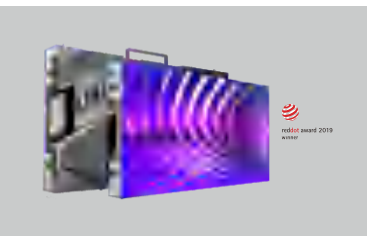
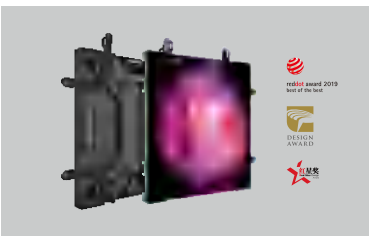
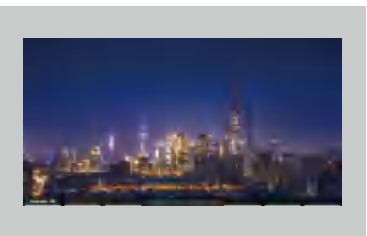
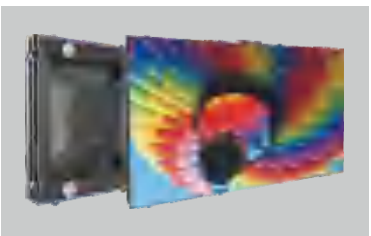
# Global Service Network

Shorten the service distance to you



21 Subsidiaries & Offices      5,000+ Employees      Service Network Covering 160+ Countries

# UNILUMIN PRODUCT INNOVATION



2012 UTV

The first 0.8mm LED display

2014 Upanel

The first 16:9 aspect ratio unit  
in professional display market

2015 UTVII

A plug and play  
smart LED TV

2016 UpanelS

Intelligent front access 16:9  
LED display unit

2018 UTVIII

Industry-first smart LED TV

2019 Unano

Red Dot Award: Best of the Best  
Golden Pin Design Award  
Red Star Design Award

2019 UpanelII

Red Dot Award Winner

2020 UMini

2020 UMini  
2019 Industry-First Mass-Produced  
Mini-LED 0.9

2021  
UMicro0.5 Showcased

Driven by market demand,  
Unilumin builds the first  
Micro production base in  
Daya Bay and production  
capacity of UMicro0.5  
reaches 1000m<sup>2</sup>/ month

2022  
Micro0.4 Global Release

Micro0.4 makes a  
comprehensive breakthrough  
in display technology. The  
second Micro manufacturing  
base in Daya Bay is built, with  
a capacity of 2000m<sup>2</sup>/ month





# UMiniIII Pro

Mini, the New Max

- Impressive viewing experience and dazzling color with 30000:1 super high contrast, 3D-LUT color gamut calibration technology
- Extremely comfortable experience enhanced by eye protection, cold screen and user-level safety design
- Energy-saving technology in use & standby
- Convenient operation and maintenance

Model	UMiniIII0.9 Pro	UMiniIII1.2 Pro	UMiniIII0.9	UMiniIII1.1	UMiniIII1.2	UMiniIII1.5
Pixel Pitch	0.93mm	1.25mm	0.93mm	1.17mm	1.25mm	1.56mm
LED Type	Fully flip chip COB	Fully flip chip COB	Fully flip chip COB	Fully flip chip COB	Fully flip chip COB	Fully flip chip COB
Pixel Density	113,778pixels /m <sup>2</sup>	640,000 pixels/m <sup>2</sup>	113,778pixels /m <sup>2</sup>	728,178 pixels/m <sup>2</sup>	640,000 pixels/m <sup>2</sup>	409,600 pixels/m <sup>2</sup>
Panel Resolution	640 × 360	480 × 270	640 × 360	512 × 288	480 × 270	384 × 216
Panel Size (W × H × D)	W600×H337.5×D40	W600×H337.5×D40	W600×H337.5×D40	W600×H337.5×D40	W600×H337.5×D40	W600×H337.5×D40
Brightness	600-1200cd/m <sup>2</sup>	600-1200cd/m <sup>2</sup>	600-1200cd/m <sup>2</sup>	600-1200cd/m <sup>2</sup>	600-1200cd/m <sup>2</sup>	600-1200cd/m <sup>2</sup>
Viewing Angle (H/V)	0~180°	0~180°	0~180°	0~180°	0~180°	0~180°
Service Access	Cabinet: Front    Module: Front /Rear	Cabinet: Front    Module: Front /Rear	Cabinet: Front    Module: Front /Rear	Cabinet: Front    Module: Front /Rear	Cabinet: Front    Module: Front /Rear	Cabinet: Front    Module: Front /Rear
Ingress Protection	Rear IP50	Rear IP50	Rear IP50	Rear IP50	Rear IP50	Rear IP50
Input Voltage	AC 100 ~ 240V	AC 100 ~ 240V	AC 100 ~ 240V	AC 100 ~ 240V	AC 100 ~ 240V	AC 100 ~ 240V
Operating Temperature/Humidity	-10°C~+45°C/ 10~80% RH	-10°C~+45°C/ 10~80% RH	-10°C~+45°C/ 10~80% RH	-10°C~+45°C/ 10~80% RH	-10°C~+45°C/ 10~80% RH	-10°C~+45°C/ 10~80% RH
Storage Temperature/Humidity	-20°C~+55°C/ 10~85% RH	-20°C~+55°C/ 10~85% RH	-20°C~+55°C/ 10~85% RH	-20°C~+55°C/ 10~85% RH	-20°C~+55°C/ 10~85% RH	-20°C~+55°C/ 10~85% RH

## Super High Contrast

UMiniIII adopts Unilumin’s unique **EBL+(Enhance black level+)** and multi-layer optical processing technology, which can display the ultimate pure black contents with 30000:1 super high contrast

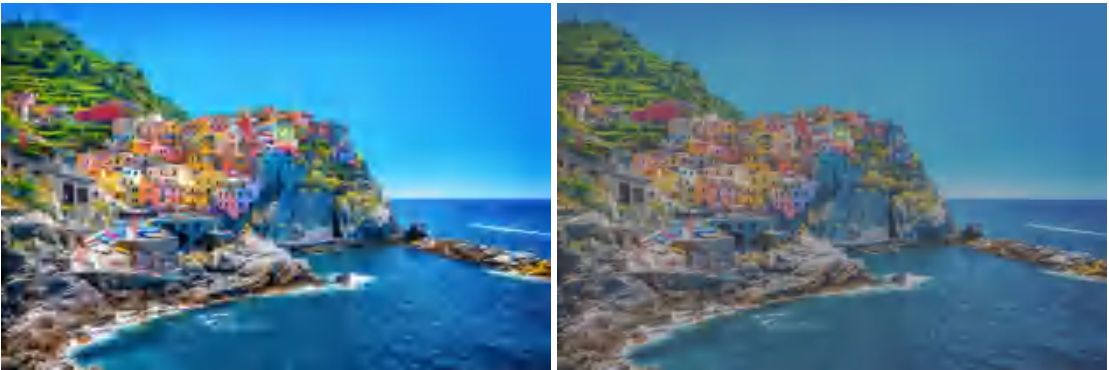
- Black

Super black background
- Ultra-low moiré
- 30000:1 Super high contrast\*
- Ultra-low reflectance
- Super soft display
- Ultra low touch trace

+: support



## Ultra-high Consistency Effect



Enhance Drive Level technology\* fully guarantee the low grayscale, high uniformity of UMiniIII in use

- Low temperature rise
- Ultra high consistency
- No flickering
- No high-contrast coupling issues
- Low power consumption

+: support





Image Quality Engine Technology

3D-LUT color gamut calibration technology to achieve the display effect of DCI-P3 standard;



Peerless Picture Effect

The low-brightness and high-brightness areas are corrected separately to ensure the consistency from low-brightness to high-brightness

UMiniIII adopts 5G ultra-large signal transmission design, and the data transmission speed is four times faster than traditional LED display. In addition, its load capacity is larger and the hardware equipment is more streamlined which make UMiniIII more stable.

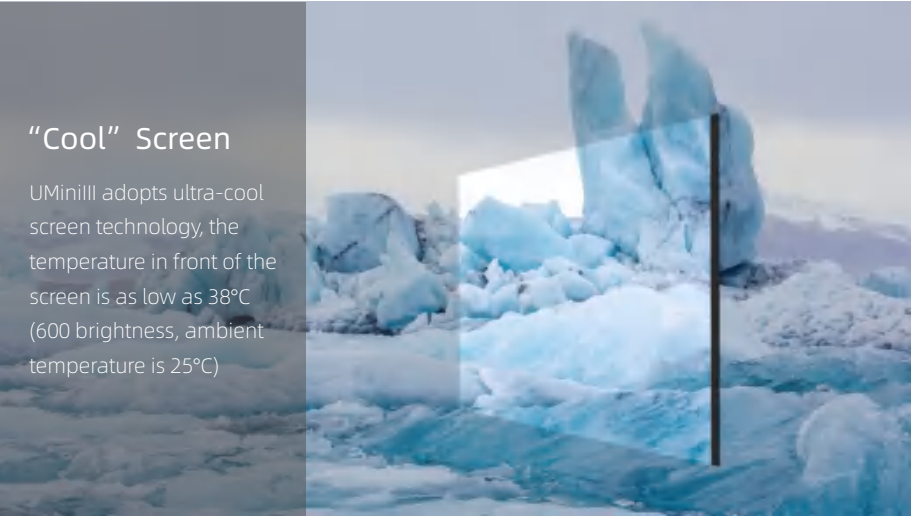


Streamlined Hardware Equipment

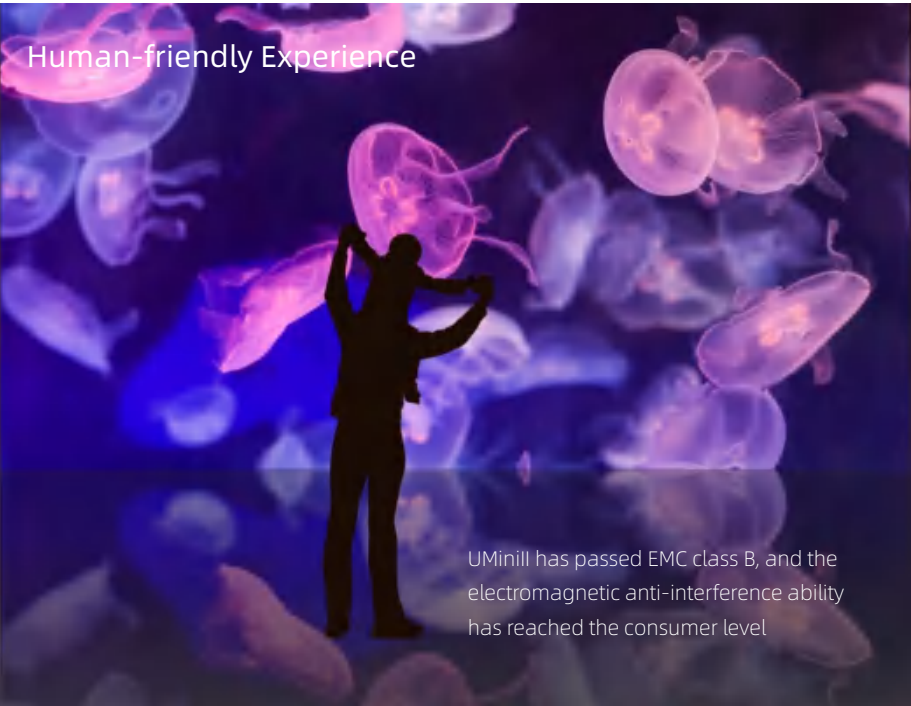
Fast Data Transmission & Large Load Capacity

“Cool” Screen

UMiniIII adopts ultra-cool screen technology, the temperature in front of the screen is as low as 38°C (600 brightness, ambient temperature is 25°C)



Human-friendly Experience



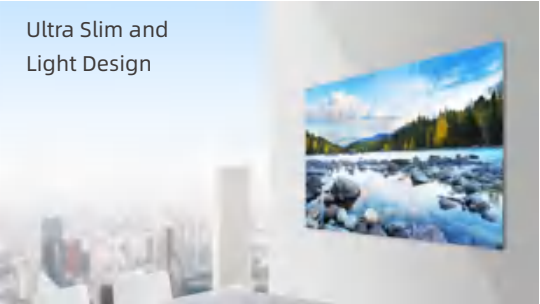
UMiniIII has passed EMC class B, and the electromagnetic anti-interference ability has reached the consumer level

Secure Use Experience



UMiniIII has passed C UL US LISTED Certification which has a full range of security and stability guarantees

Ultra Slim and Light Design



Weight: 6kg/cabinet, 35% lighter than UMini

Thickness: 40mm thick, 46% thinner than UMini

All-round Protection



3H Protection Dust-proof Moisture-proof

RGB Flip Chip Dynamic Energy Saving

Common Cathode Design One-click Sleep

UMiniIII adopts the latest energy-saving technology, it can achieve maximum energy-saving effect whether in use or in standby

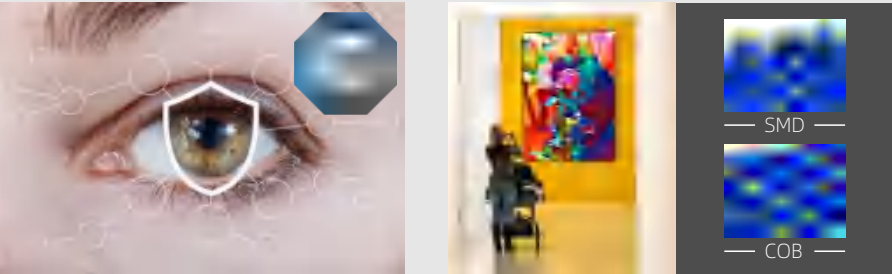
Convenient Installation & Maintenance Design

Front maintenance design: full front maintenance design of cabinet and module

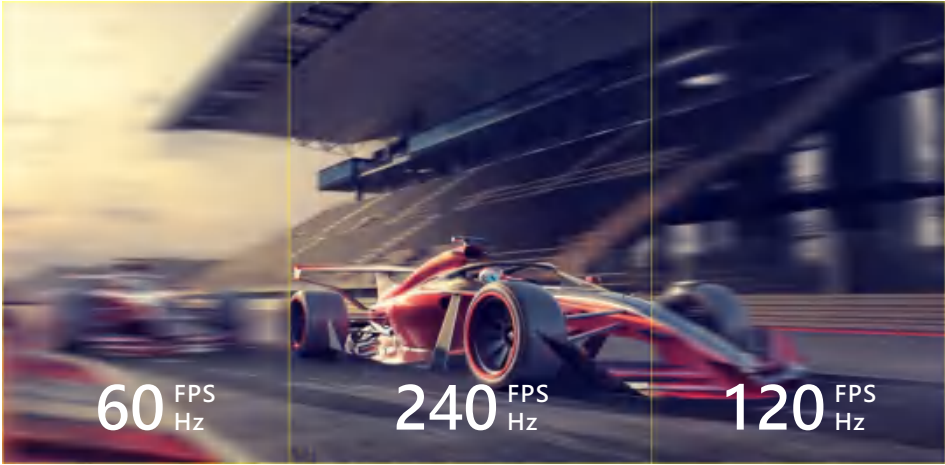
Module supports front/rear maintenance



Human Eye Protection



UMiniIII can effectively reduce blue ray hazards and filter out stray light effects, minimization health hazards caused by long-term use of the screen , protect the eyes to the greatest extent and make the viewing more comfortable.



HD Dynamic Picture Quality Transmission

UMiniIII supports high frame rate applications of 120HZ and 240HZ which makes the display content smoother





# UMicro

Remarkable to Every Second

- Displays more vivid and detailed content with 30000:1 super high contrast
- EDL technology for ultra-high consistency of grayscale in the low brightness environment
- Accurately present each image in its original color across 3D-LUT calibration technology
- Extremely comfortable experience enhanced by eye protection, cool screen and user-level safety design
- Utilize the most energy-efficient technology in use and standby to make every watt count

Model	UMicro 0.4	UMicro 0.6	UMicro 0.7
Pixel Pitch	0.4mm	0.6mm	0.7mm
Pixel configuration	1R1G1B	1R1G1B	1R1G1B
LED type	Fully flip chip COB	Fully flip chip COB	Fully flip chip COB
Pixel density(pixels /m²)	4551111	2560000	1638400
Pixels per panel	1280x720	960x540	768x432
Cabinet size (WxHxD)(mm)	W600×H337.5×D50	W600×H337.5×D40	W600×H337.5×D40
Ingress Protection	Rear IP50	Rear IP50	Rear IP50
Service Access	Front	Cabinet: Front    Module: Front /Rear	Cabinet: Front    Module: Front /Rear
Brightness (cd/m²)	600~1200cd/m²	600~1200cd/m²	600~1200cd/m²
Viewing Angle(°)	0°~180°	0°~180°	0°~180°
Input voltage(V)	100~240 V	100~240 V	100~240 V
Storage temperature & humidity(°C/RH)	-10°C~+55°C/ 10~85% RH	-10°C~+55°C/ 10~85% RH	-10°C~+55°C/ 10~85% RH
Operation temperature & humidity(°C/RH)	-10°C~+45°C/ 10~80% RH	-10°C~+45°C/ 10~80% RH	-10°C~+45°C/ 10~80% RH



Micro-pitch display with incredible 4K picture quality Unique technologies for unparalleled user experience

- EBL** EBL+ Technology
- EDL** EDL Technology
- 3DL** 3D LUT
- Comfortable use experience**
- 5G** 5G Transmission
- Maximum Energy-saving**

## Super High Contrast

UMinilll adopts Unilumin's unique **EBL+(Enhance black level+)** and multi-layer optical processing technology, which can display the ultimate pure black contents with 30000:1 super high contrast

- Black** Super black background
- 30000:1 Super high contrast\***
- Super soft display**
- Ultra-low moiré**
- Ultra-low reflectance**
- Ultra low touch trace**

\*: support



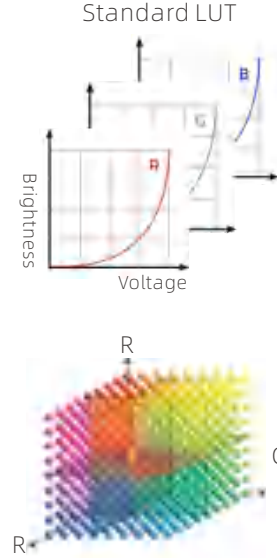


Each Pixel Matters - Ultra-high Consistency



UMicro features **EDL(Enhance Drive Level) technology** to improve consistency of the grayscale on the display and effectively solve the heat dissipation problems of micro-pitch LED displays

- Low temperature rise
- No flickering
- Low power consumption
- Ultra high consistency
- No high-contrast coupling issues



Superb Visibility with High Brightness

UMicro supports ultra-high brightness\* to adapt to diverse environments, so the visual experience will not be affected, even if it is directly illuminated by bright lights.

\*: support

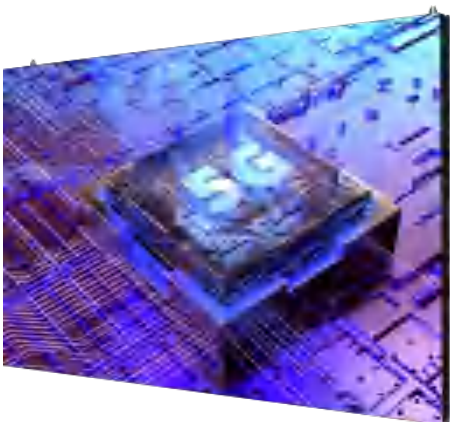


True Color Presentation with 3D-LUT

Exact color representation is important, and 3D-LUT technology makes it possible, which allows UMicro to accurately present each image in its original color across the screen.

- High-precision gamut transfer
- DCI-P3 color gamut
- High saturation

5G Ultra-large Signal Transmission\*

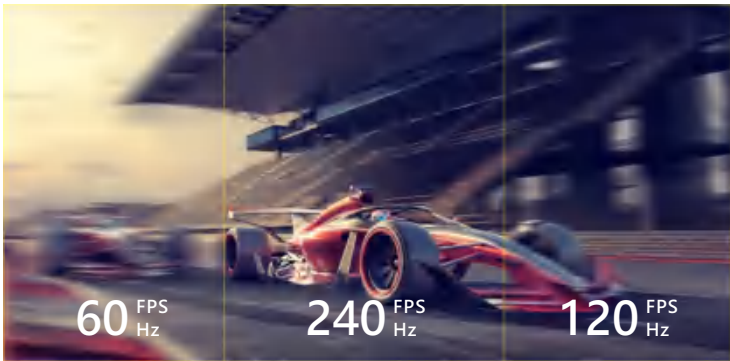


Streamlined Hardware Equipment

Fast Data Transmission & Large Load Capacity

UMicro utilizes 5G ultra-large signal transmission technology, which ensures the data transmission speed is four times faster than traditional LED display for larger load capacity. In addition, the hardware equipment is more streamlined to facilitate easy installation.

\*: support



HD Dynamic Picture Quality Transmission

UMicro supports high frame rate applications of 120HZ and 240HZ which makes the display content smoother\*

\*: support

Qualified EMC Class B, UMicro's anti-interference is consumer level. In addition, CUL US LISTED certification provides confidence that UMicro was designed with all safety considerations while providing the most captivating imagery possible.

Human-friendly Experience

Secure Use Experience

EMC Class B

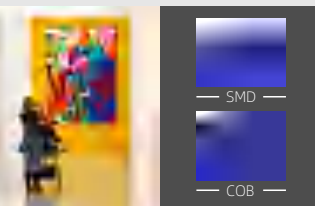
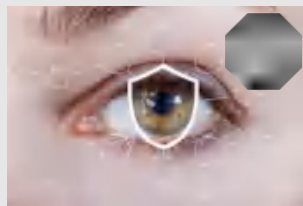
CUL US LISTED Certification

"Cool" Screen

UMicro adopts unique energy-efficient & heat-dissipation technology to keep a low temperature for a better user experience, even during long periods with high brightness. (Eg. With 25°C ambient temperature, the front screen temperature of UMicro0.7 with 600nits is approx. 37°C)



Comprehensive Eye Protection



Area light source design, reduce negative effects on eyes

Nano-optical materials with diffusion process ensures uniform light and filter out stray light

Best-in-class LEDs ensure less than 5% harmful blue rays.

Utilizing multiple technologies to minimize health hazards caused by long-term use of the screen, UMicro has been certified by TUV Rheinland for its visual comfort display performance

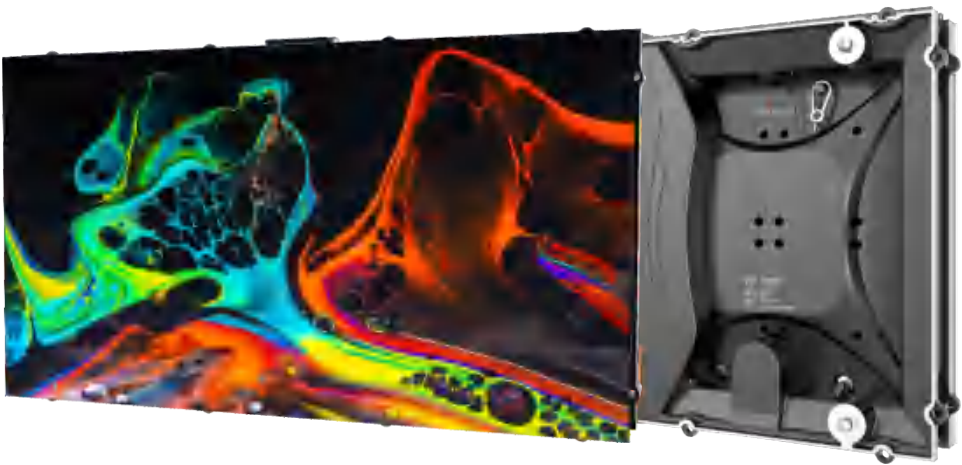
Featuring the latest energy-saving technology, UMicro can achieve maximum energy-saving effect (up to 56%\*), whether in use or in standby

- RGB Flip Chip
- Dynamic Energy Saving
- Common Cathode Design
- One-click Sleep

\*: UMicro 0.7 compared with conventional 0.7 pixel pitch products







# Up panels

Intelligent Front Access 16:9 LED Display Unit

- Intelligent front maintenance – software maintenance and smart bracelet induction maintenance
- HDR highly dynamic display – stunning visual experience \*
- Revolutionary separate structure of cabinet and module – good heat dissipation
- Seamless splicing between cabinets and modules
- High gray scale under low brightness

Model	Up panel0.9S	Up panel1.2S	Up panel1.5S	Up panel1.9S	Up panel2.5S
Pixel Pitch	0.95mm	1.27mm	1.58mm	1.906mm	2.54mm
Pixel Density	1,101,068 dots/m <sup>2</sup>	620,001 dots/m <sup>2</sup>	396,550 dots/m <sup>2</sup>	275,267 dots/m <sup>2</sup>	155,000 dots/m <sup>2</sup>
Panel Size (W×H×D)	609.92 × 343.08 × 71mm	609.92 × 343.08 × 71mm	609.92 × 343.08 × 71mm	609.92 × 343.08 × 71mm	609.92 × 343.08 × 71mm
Panel Resolution	640 × 360 dots	480 × 270 dots	384 × 216 dots	320 × 180 dots	240 × 135 dots
Material	Die-cast Magnesium Aluminum	Die-cast Magnesium Aluminum	Die-cast Magnesium Aluminum	Die-cast Magnesium Aluminum	Die-cast Magnesium Aluminum
Brightness	600 cd/m <sup>2</sup>	600 cd/m <sup>2</sup>	600 cd/m <sup>2</sup>	600 cd/m <sup>2</sup>	600 cd/m <sup>2</sup>
Color Temperature	2,000 - 9,500 K Adjustable	2,000 - 9,500 K Adjustable	2,000 - 9,500 K Adjustable	2,000 - 9,500 K Adjustable	2,000 - 9,500 K Adjustable
Viewing Angle (H/V)	160°/160°	160°/160°	160°/160°	160°/160°	160°/160°
Panel Weight	6.8 kg	6.8 kg	6.8 kg	6.8 kg	6.8 kg
Aspect Ratio (W:H)	16:9	16:9	16:9	16:9	16:9
Service Access	Front	Front	Front	Front	Front
Input Power/Panel (Max.)	150 W	140 W	140 W	117 W	80 W
Input Power/Panel (Ave.)	50 W	46 W	46 W	42 W	26 W
Ingress Protection	Rear IP50	Rear IP50	Rear IP50	Rear IP50	Rear IP50
Input Voltage	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC
Refresh Rate	3,840 Hz	3,840 Hz	3,840 Hz	3,840 Hz	3,840 Hz
Operating Temperature/Humidity	-10°C to 45°C/10% - 80% RH	-10°C to 45°C/10% - 80% RH	-10°C to 45°C/10% - 80% RH	-10°C to 45°C/10% - 80% RH	-10°C to 45°C/10% - 80% RH
Storage Temperature/Humidity	-20°C to 55°C/10% - 85% RH	-20°C to 55°C/10% - 85% RH	-20°C to 55°C/10% - 85% RH	-20°C to 55°C/10% - 85% RH	-20°C to 55°C/10% - 85% RH

\* (Optional)

Separate cabinet and module design, module and cabinet with CNC process, tolerance less than 0.15mm



Advanced automatic module removal  
All modules, power supplies and internal electronics and cables are replaceable from the front



HDR processing technology



Up panels

Other

0-7° concave curve





# UpanelS II

Restore the Real Dynamic

- Fast Data Transmission & Large Load Capacity with 5G Bandwidth
- Ultra Clear Dynamic Picture Enhanced by 240Hz
- Energy-saving Technology in Use & Standby
- Three-dimensional Adjustment & Correction
- Convenient Operation and Maintenance
- Consumer Grade Electromagnetic Design with EMC Certification

Model	Upanel0.9SII	Upanel1.2SII	Upanel1.5SII	Upanel1.9SII	Upanel2.5SII
Pixel Pitch	0.95mm	1.27mm	1.58mm	1.906mm	2.5mm
Pixel Density	1,101,068pixels/m <sup>2</sup>	620,000pixels/m <sup>2</sup>	396,550pixels/m <sup>2</sup>	275,267pixels/m <sup>2</sup>	155,000pixels/m <sup>2</sup>
Panel Size (W×H×D)	609.92×343.08×65mm	609.92×343.08×65mm	609.92×343.08×65mm	609.92×343.08×65mm	609.92×343.08×65mm
Panel Resolution	640×360 pixels	480×270 pixels	384×216 pixels	320×180 pixels	240×135 pixels
Material	Die-cast Magnesium /Aluminum	Die-cast Magnesium /Aluminum	Die-cast Magnesium /Aluminum	Die-cast Magnesium /Aluminum	Die-cast Magnesium /Aluminum
Brightness	600 cd/m <sup>2</sup>	600 cd/m <sup>2</sup>	600 cd/m <sup>2</sup>	600 cd/m <sup>2</sup>	600 cd/m <sup>2</sup>
Color Temperature	2,000 - 9,500 K Adjustable	2,000 - 9,500 K Adjustable	2,000 - 9,500 K Adjustable	2,000 - 9,500 K Adjustable	2,000 - 9,500 K Adjustable
Viewing Angle (H/V)	160°/160°	160°/160°	160°/160°	160°/160°	160°/160°
Panel Weight	7.5 kg	7.5 kg	7.5 kg	7.5 kg	7.5 kg
Aspect Ratio (W:H)	16:9	16:9	16:9	16:9	16:9
Service Access	Front & Rear	Front & Rear	Front & Rear	Front & Rear	Front & Rear
Input Power/Panel (Max.)	161 W	126 W	130 W	125 W	130 W
Input Power/Panel (Ave.)	51 W	42 W	43 W	42 W	43 W
Ingress Protection	Rear IP40	Rear IP40	Rear IP40	Rear IP40	Rear IP40
Input Voltage	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC
Refresh Rate	3,840 Hz	3,840 Hz	3,840 Hz	3,840 Hz	3,840 Hz
Operating Temperature/Humidity	-10°C to 40°C/10% - 80% RH	-10°C to 40°C/10% - 80% RH	-10°C to 40°C/10% - 80% RH	-10°C to 40°C/10% - 80% RH	-10°C to 40°C/10% - 80% RH
Storage Temperature/Humidity	-20°C to 60°C/10% - 85% RH	-20°C to 60°C/10% - 85% RH	-20°C to 60°C/10% - 85% RH	-20°C to 60°C/10% - 85% RH	-20°C to 60°C/10% - 85% RH

\* (Optional)

## 5G Bandwidth



Streamlined Hardware Equipment



Fast Data Transmission & Large Load Capacity

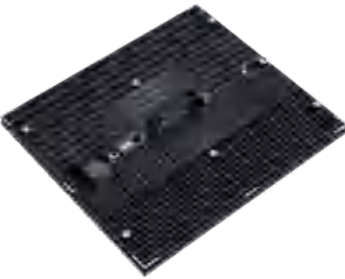
UpanelSII adopts 5G ultra-large signal transmission design, and the data transmission speed is four times faster than traditional LED display. In addition, its load capacity is larger and the hardware equipment is more streamlined which make UpanelSII more stable.

## Fully front and rear accessible



Effectively reduce maintenance costs and have higher environmental adaptability

## Non-contact Maintenance



Modular Large Module Design  
Easy troubleshooting and quick maintenance

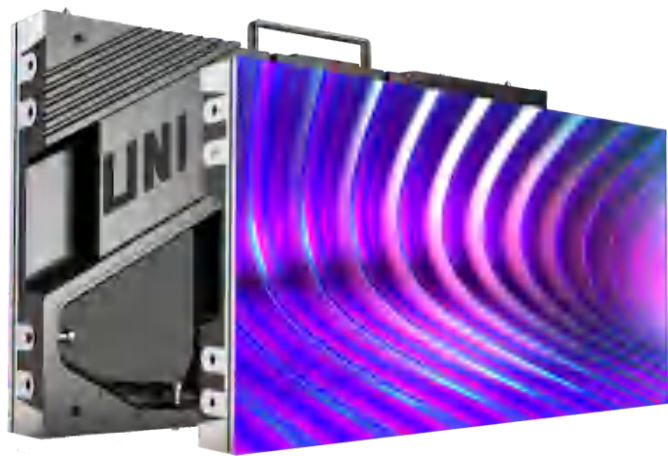
UpanelSII uses a smart sensor automatic pop-up mechanism. When the maintenance tool is close to the module, the module will pop up automatically and can be quickly replaced in 10 seconds.

## Ultra Clear Dynamic Picture

- Support 240Hz high frame frequency
- Ultra-low latency
- Clearly display the high-speed moving content







# UpanelII



reddot design award  
winner 2019

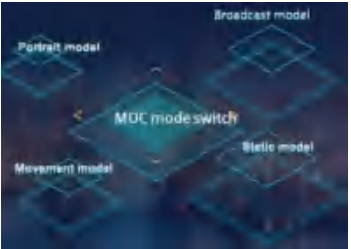
## Upgrade, More Intelligent

- Intelligent MDC mode – realize quick switch to different scene modes \*
- U-shield protection – high efficient heat dissipation & high protection of IP60
- Front maintenance
- Wireless connection between cabinets –prolonging the life span of the screen

Model	UpanelII0.9	UpanelII1.05	UpanelII1.12	UpanelII1.19	UpanelII1.2	UpanelII1.5	UpanelII1.9	UpanelII2.5
Pixel Pitch	0.953mm	1.058mm	1.12mm	1.19mm	1.2mm	1.588mm	1.906mm	2.54mm
Pixel Density	1,101,068 pixels/m²	891,866 pixels/m²	795,772 pixels/m²	704,683 pixels/m²	620,001 pixels/m²	396,550 pixels/m²	275,267 pixels/m²	155,000 pixels/m²
Panel Size (W×H×D)	609.92 × 343.08 × 68mm	609.92 × 343.08 × 68mm	609.92 × 343.08 × 68mm	609.92 × 343.08 × 68mm	609.92 × 343.08 × 68mm	609.92 × 343.08 × 68mm	609.92 × 343.08 × 68mm	609.92 × 343.08 × 68mm
Panel Resolution	640 × 360 pixels	576 × 324 pixels	544× 306 pixels	512× 288 pixels	480 × 270 pixels	384 × 216 pixels	320 × 180 dots pixels	240 × 135 dots pixels
Material	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum
Brightness	600 cd/m²	600 cd/m²	600 cd/m²	600 cd/m²	600 cd/m²	600 cd/m²	600 cd/m²	600 cd/m²
Color Temperature	2,000 - 9,500 K Adjustable	2,000 - 9,500 K Adjustable	2,000 - 9,500 K Adjustable	2,000 - 9,500 K Adjustable	2,000 - 9,500 K Adjustable	2,000 - 9,500 K Adjustable	2,000 - 9,500 K Adjustable	2,000 - 9,500 K Adjustable
Viewing Angle (H/V)	160°/160°	140°/140°	140°/140°	160°/160°	160°/160°	160°/160°	160°/160°	160°/160°
Panel Weight	7 kg	7 kg	7 kg	7 kg	7 kg	7 kg	7 kg	7 kg
Aspect Ratio (W:H)	16:9	16:9	16:9	16:9	16:9	16:9	16:9	16:9
Service Access	Front	Front	Front	Front	Front	Front	Front	Front
Input Power/Panel (Max.)	145 W	130 W	120 W	145 W	130 W	130 W	130 W	80 W
Input Power/Panel (Ave.)	48 W	43 W	40 W	48 W	43 W	43 W	43 W	26 W
Ingress Protection	IP60	IP60	IP60	IP60	IP60	IP60	IP60	IP60
Input Voltage	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC
Refresh Rate	3,840 Hz	3,840 Hz	3,840 Hz	3,840 Hz	3,840 Hz	3,840 Hz	3,840 Hz	3,840 Hz
Operating Temperature/Humidity	-10°C to 45°C/10% - 80% RH	-10°C to 45°C/10% - 80% RH	-10°C to 45°C/10% - 80% RH	-10°C to 45°C/10% - 80% RH	-10°C to 45°C/10% - 80% RH	-10°C to 45°C/10% - 80% RH	-10°C to 45°C/10% - 80% RH	-10°C to 45°C/10% - 80% RH
Storage Temperature/Humidity	-20°C to 55°C/10% - 85% RH	-20°C to 55°C/10% - 85% RH	-20°C to 55°C/10% - 85% RH	-20°C to 55°C/10% - 85% RH	-20°C to 55°C/10% - 85% RH	-20°C to 55°C/10% - 85% RH	-20°C to 55°C/10% - 85% RH	-20°C to 55°C/10% - 85% RH

\* (Optional)

Intelligent MDC mode  
MDC technology realizes quick switch over to different scenario modes allowing for effortless, professional application.



U-shield protection- IP60  
By applying hermetically sealed structure and modular design, UpanelII achieves high efficient heat dissipation and high protection of IP60.



U-shield protection- Wireless connection  
Wireless connection between cabinets reduces the failure rate prolonging the life span of the screen.



Front maintenance  
Modules, power supplies and internal cables are replaceable from the front. Fully front maintenance saves time and maintenance cost





# UHWII

## Fine Pitch With Commercial-grade Feature

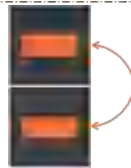
- Semi-automatic installation structure - specially designed tool achieves efficient installation and high flatness
- Hermetically sealed structure - good heat dissipation
- High protection of IP60 - robust and durable under all conditions
- Single person handling maintenance - modules, power supplies and internal cables are accessible from the front

Model	UHWII0.9(4-in-1)	UHWII1.2	UHWII1.5	UHWII1.9	UHWII2.5
Pixel Pitch	0.953mm	1.27mm	1.588mm	1.906mm	2.54mm
Pixel Density	110,106.8 dots/m <sup>2</sup>	620,001 dots/m <sup>2</sup>	396,550 dots/m <sup>2</sup>	275,267 dots/m <sup>2</sup>	155,000 dots/m <sup>2</sup>
Panel Size (W×H×D)	609.92 × 343.08 × 71mm	609.92 × 343.08 × 68mm	609.92 × 343.08 × 68mm	609.92 × 343.08 × 68mm	609.92 × 343.08 × 68mm
Panel Resolution	640 × 360 dots	480 × 270 dots	384 × 216 dots	320 × 180 dots	240 × 135 dots
Material	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum
Brightness	600 cd/m <sup>2</sup>	600 cd/m <sup>2</sup>	600 cd/m <sup>2</sup>	800 cd/m <sup>2</sup>	800 cd/m <sup>2</sup>
Color Temperature	2,000 - 9,500 K Adjustable	2,000 - 9,500 K Adjustable	2,000 - 9,500 K Adjustable	2,000 - 9,500 K Adjustable	2,000 - 9,500 K Adjustable
Viewing Angle (H/V)	160°/160°	160°/160°	160°/160°	140°/140°	140°/140°
Panel Weight	6.8 kg	7 kg	7 kg	7 kg	7 kg
Aspect Ratio (W:H)	16:9	16:9	16:9	16:9	16:9
Service Access	Front	Front	Front	Front	Front
Input Power/Panel (Max.)	140 W	140 W	130 W	120 W	120 W
Input Power/Panel (Ave.)	46 W	46 W	43 W	40 W	40 W
Ingress Protection	Rear IP60	Rear IP60	Rear IP60	Rear IP60	Rear IP60
Input Voltage	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC
Refresh Rate	1,920 - 3,840	1,920 - 3,840	1,920 - 3,840	1,920 - 3,840	1,920 - 3,840
Operating Temperature/Humidity	-10°C to 40°C/10% - 80% RH	-10°C to 45°C/10% - 80% RH	-10°C to 45°C/10% - 80% RH	-10°C to 45°C/10% - 80% RH	-10°C to 45°C/10% - 80% RH
Storage Temperature/Humidity	-20°C to 60°C/10% - 85% RH	-20°C to 55°C/10% - 85% RH	-20°C to 55°C/10% - 85% RH	-20°C to 55°C/10% - 85% RH	-20°C to 55°C/10% - 85% RH

### Innovative abs (advanced backup sharing) technology

#### \*ABS technology :

With ABS technology adjacent power boxes share current flow to prevent power failure.



\* (Optional)

VS



#### Regular back-up system:

Regular back-up system comes with two power supplies in one box, which increases product weight and cost.

### Semi-automatic installation structure



By applying hermetically sealed structure, UHWII achieved highly efficient heat dissipation function.

### Heat-dissipating modular design



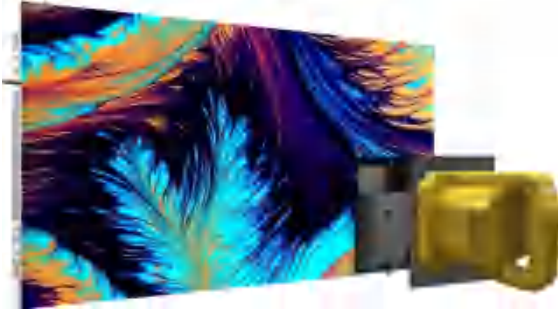
Specially designed tool achieves efficient installation and high flatness

### Strong protection -IP60



With high protection of IP60, Heat-Dissipating Modular Design , Modular and high efficiency heat conduction design, increase heat dissipation area by 3%, high efficiency heat dissipation, improve screen stability

### Single person maintenance and module front maintenance



Modules, power supplies and internal cables are accessible from the front  
One person can easily handle installation and maintenance





# UH-WIII

Embrace the New Slimmer and Greener Era

- Unlock more possibilities with lighter and slimmer design
- Highly energy-saving to increase productivity
- Excellent performance on visual clarity and color uniformity
- Remote control to improve efficiency
- Easier use for more user-friendly experience
- Secure every event through safety protection mechanism

Model	UH-WIII1.17	UH-WIII1.2	UH-WIII1.4	UH-WIII1.5	UH-WIII1.8
Pixel Pitch	1.17mm	1.25mm	1.4mm	1.56mm	1.8mm
Pixel Density	728,177 dots/m <sup>2</sup>	640,000 dots/m <sup>2</sup>	480,711 dots/m <sup>2</sup>	409,600 dots/m <sup>2</sup>	284,444 dots/m <sup>2</sup>
Panel Size (W×H×D)	600 × 337.5 × 39 mm	600 × 337.5 × 39 mm	600 × 337.5 × 39 mm	600 × 337.5 × 39 mm	600 × 337.5 × 39 mm
Panel Resolution	512 × 288 dots	480 × 270 dots	416 × 234 dots	384 × 216 dots	320 × 180 dots
Material	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum
Brightness	600 cd/m <sup>2</sup>	600 cd/m <sup>2</sup>	600 cd/m <sup>2</sup>	600 cd/m <sup>2</sup>	600 cd/m <sup>2</sup>
Color Temperature	2,000 - 9,500 K Adjustable	2,000 - 9,500 K Adjustable	2,000 - 9,500 K Adjustable	2,000 - 9,500 K Adjustable	2,000 - 9,500 K Adjustable
Viewing Angle (H/V)	160°/160°	160°/160°	160°/160°	160°/160°	160°/160°
Panel Weight	6 kg	6 kg	6 kg	6 kg	6 kg
Aspect Ratio (W:H)	16:9	16:9	16:9	16:9	16:9
Service Access	Full Front & Rear	Full Front & Rear	Full Front & Rear	Full Front & Rear	Full Front & Rear
Input Power/Panel (Max.)	142 W	140 W	138 W	135 W	126 W
Input Power/Panel (Ave.)	47 W	46 W	46 W	45 W	43 W
Ingress Protection	Rear IP30	Rear IP30	Rear IP30	Rear IP30	Rear IP30
Input Voltage	100-240 VAC (50&60Hz)	100-240 VAC (50&60Hz)	100-240 VAC (50&60Hz)	100-240 VAC (50&60Hz)	100-240 VAC (50&60Hz)
Refresh Rate	3,840 Hz	3,840 Hz	3,840 Hz	3,840 Hz	3,840 Hz
Operating Temperature/Humidity	-10°C to 40°C/10% - 80% RH	-10°C to 40°C/10% - 80% RH	-10°C to 40°C/10% - 80% RH	-10°C to 40°C/10% - 80% RH	-10°C to 40°C/10% - 80% RH
Storage Temperature/Humidity	-20°C to 60°C/10% - 85% RH	-20°C to 60°C/10% - 85% RH	-20°C to 60°C/10% - 85% RH	-20°C to 60°C/10% - 85% RH	-20°C to 60°C/10% - 85% RH



### Ultra slim & light

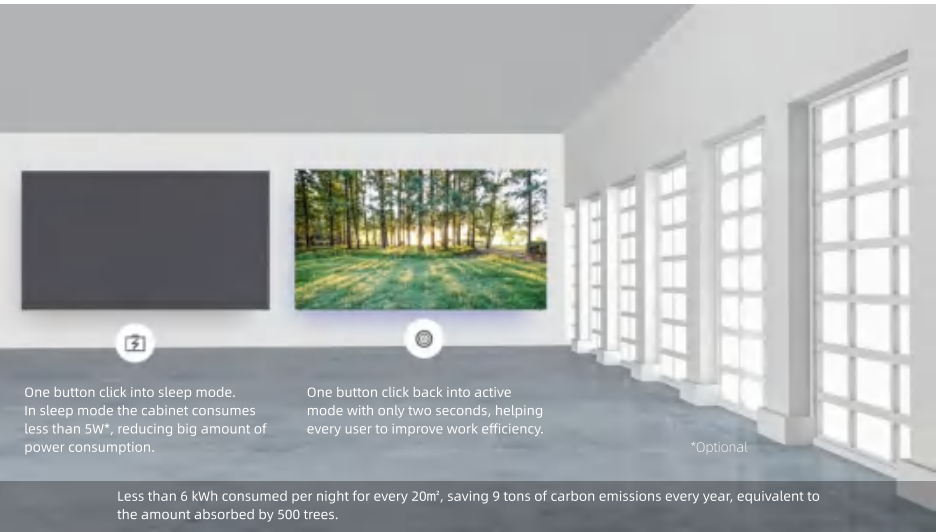
- Lighter  
6kg/cabinet, 25% lighter than previous generation
- Slimmer  
Cabinet thickness ≤39mm, 50% slimmer than previous generation
- Distance from the wall < 80mm  
Distance between screen and the wall is reduced to less than 80mm, fitting in naturally with the environment

Fully front and rear accessible

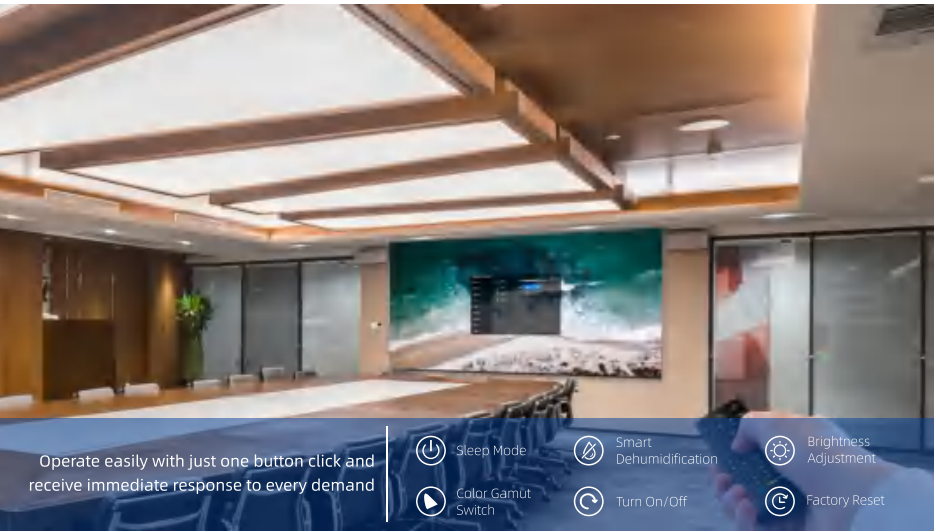


Fully front and rear accessible, offering more possibilities for installation and maintenance

Highly energy-saving



One button click to get immediate response





# UTWIII

## Shape New Slimmer Era for Fine Pitch Commercial 16:9 Display

- 28mm ultra-thin design for easy installation
- 960mm\*540mm large size style to enhance advertising value
- Advanced HDR display for stunning visual experience
- Various mounting methods to unlock unlimited creativity

Model	UTWIII1.2	UTWIII1.5	UTWIII1.8	UTWIII2.0	UTWIII2.5
Pixel Pitch	1.25mm	1.5mm	1.87mm	2.0mm	2.5mm
Pixel Density	640,000 pixels/m²	444,444 pixels/m²	284,444 pixels/m²	250,000 pixels/m²	160,000 pixels/m²
Cabinet size (W×H)	960 × 540mm/480 × 540mm	960 × 540mm/480 × 540mm	960 × 540mm/480 × 540mm	960 × 540mm/480 × 540mm	960 × 540mm/480 × 540mm
Pixels per panel	768 × 432 pixels	640 × 360 pixels	512 × 288 pixels	480 × 270 pixels	384 × 216 pixels
Material	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum
Brightness	600 cd/m²	600 cd/m²	600 cd/m²	800 cd/m²	800 cd/m²
Color Temperature	2,000-9,300K Adjustable	2,000-9,300K Adjustable	2,000-9,300K Adjustable	2,000-9,300K Adjustable	2,000-9,300K Adjustable
Viewing Angle (H/V)	155°/155°	155°/155°	155°/155°	155°/155°	155°/155°
Panel Weight	20.56 kg/m²	20.56 kg/m²	20.56 kg/m²	20.56 kg/m²	20.56 kg/m²
Aspect Ratio (W:H)	16:9	16:9	16:9	16:9	16:9
Service Access	Front	Front	Front	Front	Front
Input Power/Panel (Max.)	≤ 600 W	≤ 500 W	≤ 500 W	≤ 500 W	≤ 500 W
Input Power/Panel (Ave.)	≤ 200 W	≤ 167 W	≤ 167 W	≤ 167 W	≤ 167 W
Ingress Protection	Front & Rear IP30	Front & Rear IP30	Front & Rear IP30	Front & Rear IP30	Front & Rear IP30
Input Voltage	100~240 V (50~60Hz)	100~240 V (50~60Hz)	100~240 V (50~60Hz)	100~240 V (50~60Hz)	100~240 V (50~60Hz)
Refresh Rate	3,840 Hz	3,840 Hz	3,840 Hz	3,840 Hz	3,840 Hz
Operating Temperature/Humidity	-10°C to 45°C/10% - 80% RH	-10°C to 45°C/10% - 80% RH	-10°C to 45°C/10% - 80% RH	-10°C to 45°C/10% - 80% RH	-10°C to 45°C/10% - 80% RH
Storage Temperature/Humidity	-20°C to 55°C/10% - 85% RH	-20°C to 55°C/10% - 85% RH	-20°C to 55°C/10% - 85% RH	-20°C to 55°C/10% - 85% RH	-20°C to 55°C/10% - 85% RH



### Slimmer and lighter design for easy installation

UTW III with ultra-thin design, the screen is easy to install. With aesthetic feeling, it can integrate with the surrounding environment.  
\*The overall thickness of the wall is 68mm.

1.5 kg lighter than conventional products  
Aluminium alloy: 20.5kg/m²  
Magnesium alloy: 17.26kg/m²

20.4 mm thinner than conventional products  
Cabinet thickness ≤ 28mm

Conventional

UTWIII

It can be carried by one person, which is economical and convenient by saving labor costs.

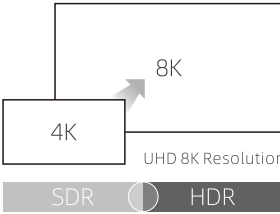
### Flexible design for multiple scenarios

UTW III provides a 480mm\*540mm cabinet, which supports installation methods such as wall-mounted, grounding, hoisting, arc shape, etc. Because of the design flexibility, it creates unlimited scenarios.



### Exclusive HDR UHD 8K experience

UTW III supports SDR source conversion, and HDR display can improve the brightness and contrast of pictures in all directions, presenting the truest details and brightness levels of any image. Besides, it can achieve standard 2K, 4K, 8K resolution to meet users' various image quality needs.



### Double backup to maximize screen protection

Main and standby power supplies are installed in UTWIII cabinet, which can switch automatically after failure. It also supports double backup of transmitter and receiving card, which can minimize screen failure.

1 + 1 Backup

Stable technology, high power supply efficiency, 95% energy efficiency conversion after PFC energy-saving power supply





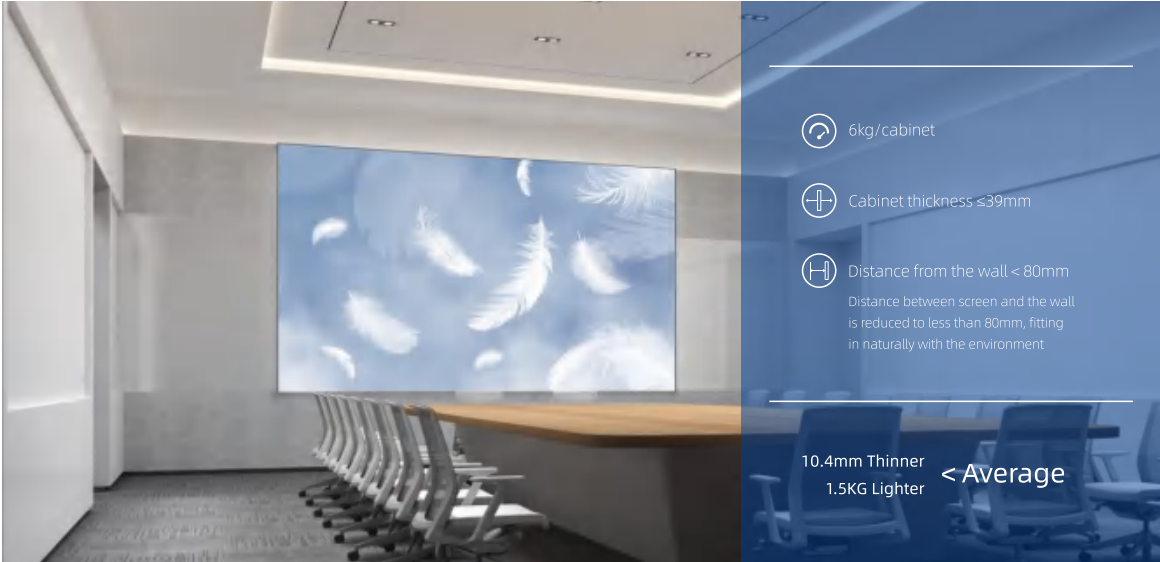
# UHPIII

## Stable Keeps Going and Going

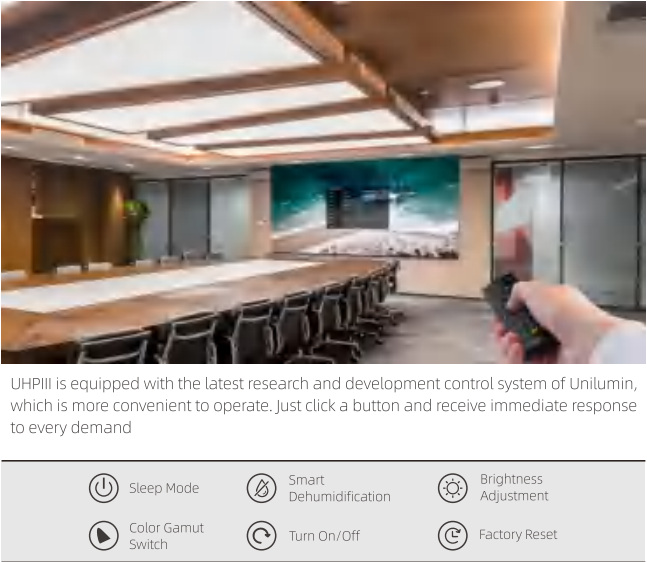
- Vivid Viewing Experience with Adjustable Color Temperature & Ultra-high Contrast
- Super-High Stability Enhanced by Latest Flip Chip Technology
- Deep Energy Saving Technology
- Ultra-light and Slim Design
- Ease of Operation with 6+1 Easy Mode

Model	UHPIII 0.9	UHPIII 1.2	UHPIII 1.5
Pixel Pitch	0.9mm	1.2mm	1.5mm
Pixel Density	1,137,777 pixels /m²	640,000 pixels /m²	409,600 pixels /m²
Panel Size (W×H×D)	600 × 337.5 × 39.5mm	600 × 337.5 × 39.5mm	600 × 337.5 × 39.5mm
Pixels per panel	640 × 360 pixels	480 × 270 pixels	384 × 216 pixels
Material	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum
Brightness	800 cd/m²	1,000 cd/m²	1,000 cd/m²
Color Temperature	2,000-9,500K Adjustable	2,000-9,500K Adjustable	2,000-9,500K Adjustable
Viewing Angle (H/V)	160°/160°	160°/160°	160°/160°
Panel Weight	6kg/panel	6kg/panel	6kg/panel
Aspect Ratio (W:H)	16:9	16:9	16:9
Service Access	Front/Rear	Front/Rear	Front/Rear
Input Power/Panel (Max.)	115 W	115 W	115 W
Input Power/Panel (Ave.)	35 W	35 W	36 W
Ingress Protection	Rear IP30	Rear IP30	Rear IP30
Input Voltage	100~240 V (50~60Hz)	100~240 V (50~60Hz)	100~240 V (50~60Hz)
Refresh Rate	3,840 Hz	3,840 Hz	3,840 Hz
Operating Temperature/Humidity	-10°C to 40°C/10 - 80% RH	-10°C to 40°C/10 - 80% RH	-10°C to 40°C/10 - 80% RH
Storage Temperature/Humidity	-10°C to 60°C/10 - 85% RH	-10°C to 60°C/10 - 85% RH	-10°C to 60°C/10 - 85% RH

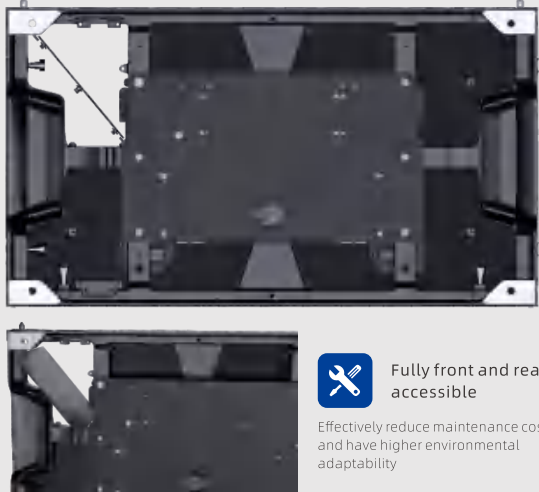
### Ultra Light and Slim Design



### Ease of Operation



### Fully front and rear accessible



### Deep Energy Saving Technology





# ULWIII

## First Automatic Production NPP LED Display

- Automatic production ensures high quality and affordability
- Premium viewing experience
- Ultra stable operation
- Unlock creative installation style with flexible design
- Intelligent management system

Model	ULWIII 0.9	ULWIII 1.2	ULWIII 1.5	ULWIII 1.8
Pixel Pitch	0.9375mm	1.25mm	1.56mm	1.8mm
Pixel Density	1,137,777pixels /m <sup>2</sup>	640,000pixels /m <sup>2</sup>	409,600pixels /m <sup>2</sup>	284,444pixels /m <sup>2</sup>
Panel Size (W×H×D)	600 × 337.5 × 45mm	600 × 337.5 × 45mm	600 × 337.5 × 45mm	600 × 337.5 × 45mm
Pixels per panel	640 × 360 pixels	480 × 270 pixels	384 × 216 pixels	320 × 180 pixels
Material	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum
Brightness	600 cd/m <sup>2</sup>	600 cd/m <sup>2</sup>	600 cd/m <sup>2</sup>	600 cd/m <sup>2</sup>
Color Temperature	2,000-9,500K Adjustable	2,000-9,500K Adjustable	2,000-9,500K Adjustable	2,000-9,500K Adjustable
Viewing Angle (H/V)	160°/160°	160°/160°	160°/160°	160°/160°
Panel Weight	5kg/panel	5kg/panel	5kg/panel	5kg/panel
Aspect Ratio (W:H)	16:9	16:9	16:9	16:9
Service Access	Front	Front	Front	Front
Input Power/Panel (Max.)	135 W	120 W	110 W	130 W
Input Power/Panel (Ave.)	45 W	40 W	36 W	43 W
Ingress Protection	Rear IP30	Rear IP30	Rear IP30	Rear IP30
Input Voltage	100~240 V	100~240 V	100~240 V	100~240 V
Refresh Rate	1,920 - 3,840 Hz	3,840 Hz	3,840 Hz	3,840 Hz
Operating Temperature/Humidity	-10°C to 40°C/10 - 80% RH	-10°C to 40°C/10 - 80% RH	-10°C to 40°C/10 - 80% RH	-10°C to 40°C/10 - 80% RH
Storage Temperature/Humidity	-20°C to 60°C/10 - 85% RH	-20°C to 60°C/10 - 85% RH	-20°C to 60°C/10 - 85% RH	-20°C to 60°C/10 - 85% RH

### Automatic Production Ensures High Quality and Affordability



| 400,000 m<sup>2</sup>

Globe largest LED Manufacturing Base

| 5,000+ Employees


Bachelors over 90%

| Smart Factory

Certified by CNAS (Code L6507)

### High Integration Technology



High Integration Design

Increased signal transmission stability of receiving card and the hub card

### Efficient Heat Dissipation



- Half Hollowed & Wave Design for bigger heat dissipation area
- Contact thermal conductance accelerates heat dissipation

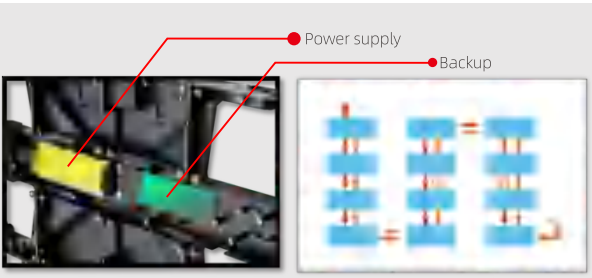


### Perfect screen flatness



Front & rear XYZ axis adjustment available

### Ultra Stable Operation



### Dual Guarantee Guard Mission-critical Event



Signal supply backup



Power supply backup





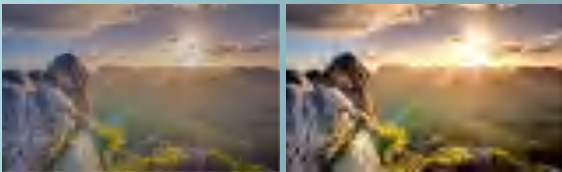
# UslimII

Ease of Creation with Standard Product  
—Visualization Reinvented in Commercial Spaces

- Impressive viewing experience
- Intelligent operation & maintenance control
- Various creative shapes
- User-friendly design

Model	Uslim II 1.5	Uslim II 1.8	Uslim II 2.5	Uslim II 3.2	Uslim II 3.9	Uslim II 4.8
Pixel Pitch	1.56mm	1.85mm	2.50mm	3.21mm	3.91mm	4.8mm
Pixel Density	409,600 dots/m <sup>2</sup>	291,600 dots/m <sup>2</sup>	160,000 dots/m <sup>2</sup>	97,344 dots/m <sup>2</sup>	65,536 dots/m <sup>2</sup>	43,264 dots/m <sup>2</sup>
Panel Resolution	320×160 dots/320×320 dots/320×640 dots	270×135 dots/270×270 dots/270×540 dots	200×100 dots/200×200 dots/200×400 dots	156×78 dots/156×156 dots/156×312 dots	128×64 dots/128×128 dots/128×256 dots	104×52 dots/104×104 dots/104×208 dots
Panel Size (W × H × D)	500×250×39.6mm/500×500×39.6mm/500×1000×39.6mm	500×250×39.6mm/500×500×39.6mm/500×1000×39.6mm	500×250×39.6mm/500×500×39.6mm/500×1000×39.6mm	500×250×39.6mm/500×500×39.6mm/500×1000×39.6mm	500×250×39.6mm/500×500×39.6mm/500×1000×39.6mm	500×250×39.6mm/500×500×39.6mm/500×1000×39.6mm
Material	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum
Brightness	800 cd/m <sup>2</sup>	1,000 cd/m <sup>2</sup>	1,000 cd/m <sup>2</sup>	900 cd/m <sup>2</sup>	900 cd/m <sup>2</sup>	1,000 cd/m <sup>2</sup>
Color Temperature	2,000 - 9,300 K Adjustable	2,000 - 9,300 K Adjustable	2,000 - 9,300 K Adjustable	2,000 - 9,300 K Adjustable	2,000 - 9,300 K Adjustable	2,000 - 9,300 K Adjustable
Viewing Angle (H/V)	155°/155°	155°/155°	155°/155°	155°/155°	155°/155°	155°/155°
Panel Weight	3.2/5.6/10.5kg	3.2/5.6/10.5kg	3.2/5.6/10.5kg	3.2/5.6/10.5kg	3.2/5.6/10.5kg	3.2/5.6/10.5kg
Contrast Ratio	5,000 : 1	5,000 : 1	5,000 : 1	5,000 : 1	5,000 : 1	5,000 : 1
Service Access	Front & Rear	Front & Rear	Front & Rear	Front & Rear	Front & Rear	Front & Rear
Input Power/Panel (Max.)	480 W/ m <sup>2</sup>	420 W/ m <sup>2</sup>	480 W/ m <sup>2</sup>	420 W/ m <sup>2</sup>	448 W/ m <sup>2</sup>	500±10% W/ m <sup>2</sup>
Input Power/Panel (Ave.)	160 W/ m <sup>2</sup>	140 W/ m <sup>2</sup>	160 W/ m <sup>2</sup>	140 W/ m <sup>2</sup>	149 W/ m <sup>2</sup>	167±10% W/ m <sup>2</sup>
Ingress Protection	Standard IP50/IP10   Optional IP50/IP30	Standard IP50/IP10   Optional IP50/IP30	Standard IP50/IP10   Optional IP50/IP30	Standard IP50/IP10   Optional IP50/IP30	Standard IP50/IP10   Optional IP50/IP30	Standard IP50/IP10   Optional IP50/IP30
Input Voltage	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC
Refresh Rate	3,840 Hz	3,840 Hz	3,840 Hz	3,840 Hz	3,840 Hz	3,840 Hz
Operating Temperature/Humidity	-10°C to 45°C/10% - 80% RH	-10°C to 45°C/10% - 80% RH	-10°C to 45°C/10% - 80% RH	-10°C to 45°C/10% - 80% RH	-10°C to 45°C/10% - 80% RH	-10°C to 45°C/10% - 80% RH
Storage Temperature/Humidity	-20°C to 55°C/10% - 85% RH	-20°C to 55°C/10% - 85% RH	-20°C to 55°C/10% - 85% RH	-20°C to 55°C/10% - 85% RH	-20°C to 55°C/10% - 85% RH	-20°C to 55°C/10% - 85% RH

## UOS System-Double Brightness & Double Contrast Effect

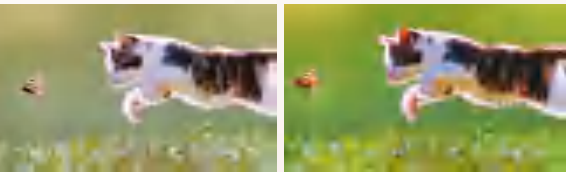


Normal HDR

Dynamic HDR

The UOS system supports doubling the peak brightness and doubling the contrast through intelligent recognition of the screen without changing the electric current of the entire screen. The contrast between the brightness and darkness of the screen is more prominent and the colors are more vivid.

## UOS System-Ultra High Definition Display



Normal LED Screen

LED Screen with UOS System

The UOS system not only supports HDR effects, but also has the function of transforming ordinary SDR video sources into HDR display effects which greatly saving costs.

Note : Optional Function

Various Creative Shapes



Ultra Slim & Light Design



Dual Maintenance Methods with Front and Rear



Front Maintenance

Modules, receiving cards, and cables can be maintained from the front, greatly reducing labor and steel structure costs.



Rear Maintenance

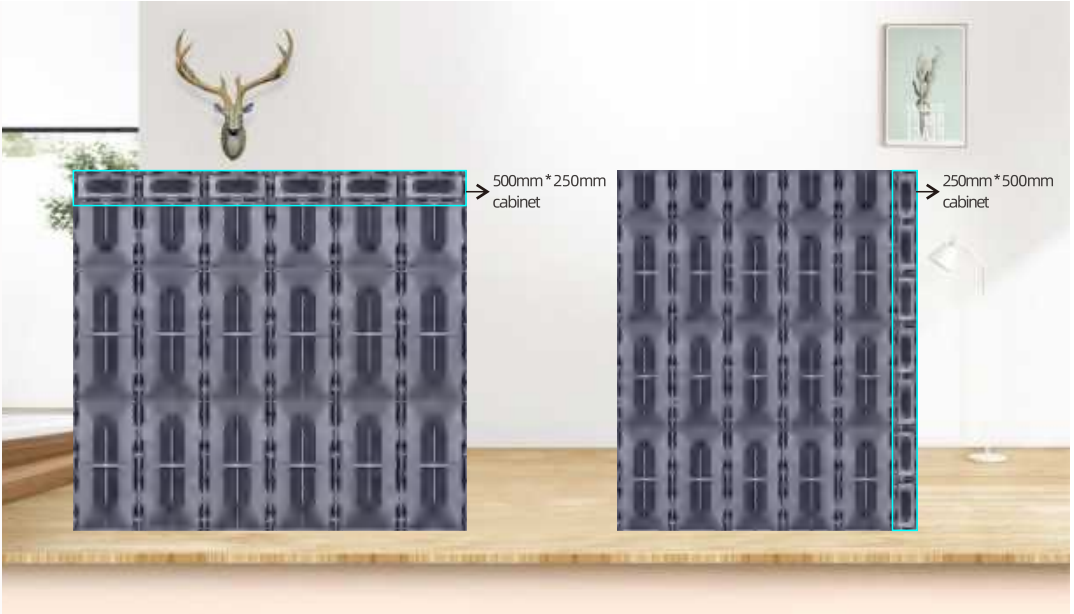
After opening the back cover, Usimll's modules, receiving cards and cables can be maintained from the rear.

Standardized Cabinet

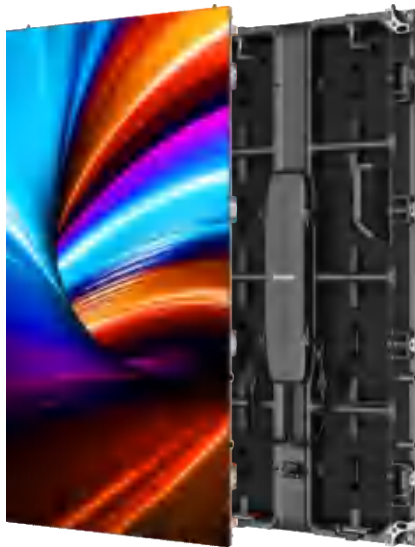


Three standard sizes of die-cast aluminum cabinets can be delivered quickly through standardized & modularized main materials and accessories.

The 500mm \* 250mm cabinet is integrated horizontally and vertically to supplement the height and width of the 250mm size.







# Kslim II

The Most Affordable Commercial LED Display

- Realistic visual experience with SDR - HDR transformation
- Lighter and thinner design for one person installation
- Various shapes for mutple applications
- User-friendly with fast-lock and convenient maintenance design

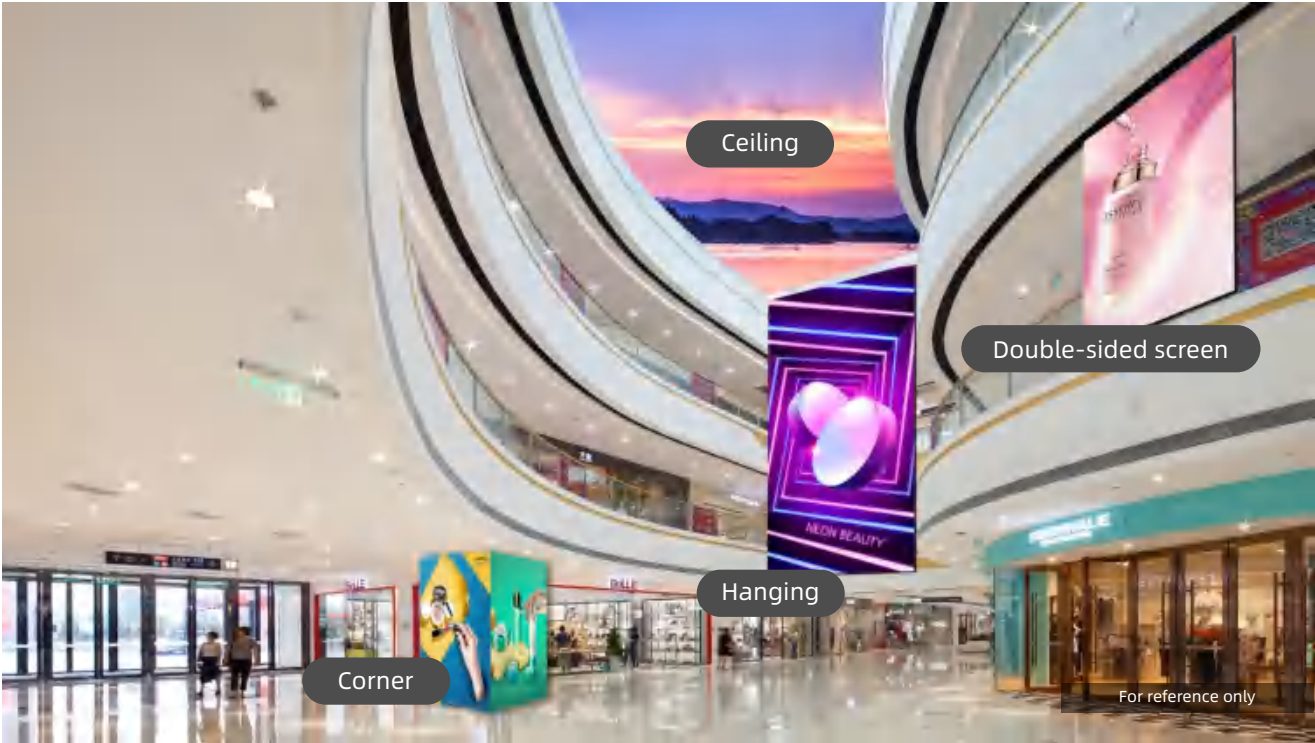
Model	Kslim II 1.9	Kslim II 2.5	Kslim II 2.9	Kslim II 3.9
Pixel Pitch	1.9mm	2.5mm	2.9mm	3.9mm
Pixel Density	262144 pixels/m²	160000 pixels/m²	112896 pixels/m²	65536 pixels/m²
Module Size	250mm × 250mm	250mm × 250mm	500mm × 250mm	500mm × 250mm
Panel Size (W × H × D)	500mm × 1000/750mm × 39.6mm	500mm × 1000/750mm × 39.6mm	500mm × 1000/750mm × 39.6mm	500mm × 1000/750mm × 39.6mm
Material	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum
Brightness	600 cd/m²	800 cd/m²	800 cd/m² (before calibration)	800 cd/m² (before calibration)
Color Temperature	2,000-9,300k (adjustable)	2,000-9,300k (adjustable)	2,000-9,300k (adjustable)	2,000-9,300k (adjustable)
Viewing Angle (H/V)	155°/155°	155°/155°	155°/155°	155°/155°
Panel Weight (Front/Rear)	10 kg/7.5kg	10 kg/7.5kg	10 kg/7.5kg	10 kg/7.5kg
Contrast Ratio	9000:1	9000:1	5000:1	5000:1
Maintenance	Front & Rear	Front & Rear	Front & Rear	Front & Rear
Input Power (Max.)	≤480W/m²	≤480W/m²	≤480W/m²	≤480W/m²
Input Power (Ave.)	≤160W/m²	≤160W/m²	≤160W/m²	≤160W/m²
Ingress Protection	IP40/20	IP40/20	IP40/20	IP40/20
Input Voltage	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC
Refresh Rate	2880-3840Hz	2880-3840Hz	2880-3840Hz	2880-3840Hz
Operating Temperature/Humidity	-10°C~+45°C/10~80%RH	-10°C~+45°C/10~80%RH	-10°C~+45°C/10~80%RH	-10°C~+45°C/10~80%RH
Storage Temperature/Humidity	-20°C~+55°C/10~85%RH	-20°C~+55°C/10~85%RH	-20°C~+55°C/10~85%RH	-20°C~+55°C/10~85%RH

## More Flexibility with 500mm\*750mm Cabinet\*

Portrait installation & landscape installation are available, unlock more possibility



\*Optional



## Various Creative Shapes

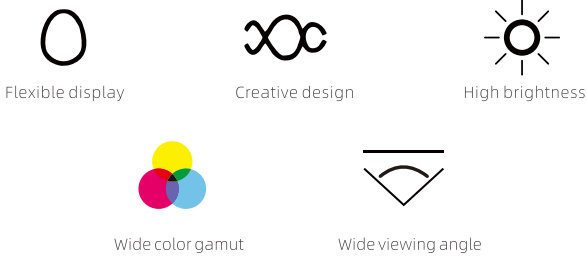
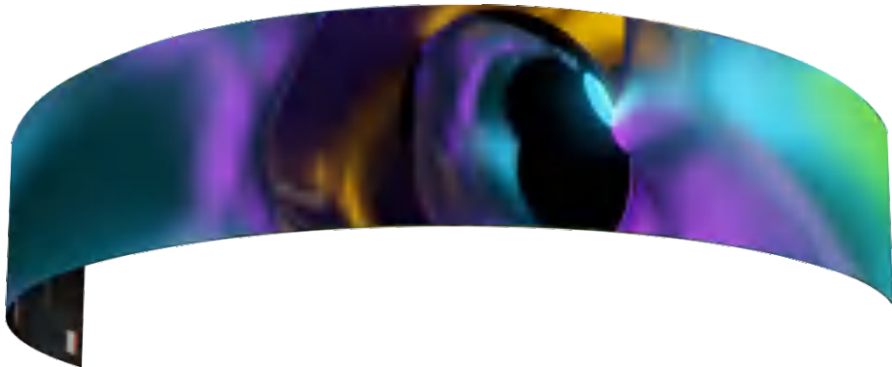
Available in 500mm\*750mm and 500mm\*750mm cabinets, Kslim II can create multiple shapes such as corner, hanging, ceiling, double-sided screen, etc., which can help users to create more business opportunities



# UHF

## Flexible LED Display Solution

- Dynamic creativity – available for arbitrary arc shape
- Stress is evenly distributed to all parts of modules – sustainable reliability
- COS technology protection – protect LEDs from collision, dust and water \*
- 4-in-1 bar module – ensure fast installation and precise curve



Model	UHF 1.5	UHF 1.8	UHF2.5	UHF3.2	UHF3.9
Pixel Pitch	1.56mm	1.85mm	2.50mm	3.21mm	3.91mm
Pixel Density	409,600pixels /m <sup>2</sup>	291,600pixels /m <sup>2</sup>	160,000 pixels /m <sup>2</sup>	97,344 pixels /m <sup>2</sup>	65,536 pixels /m <sup>2</sup>
Panel Resolution	320 x 320 pixels/320 x 640 pixels	270 x 270 pixels/270 x 540 pixels	200 x 200 pixels/200 x 400 pixels	156 x 156 pixels/156 x 312 pixels	128 x 128 pixels/128 x 256 pixels
Panel Size (W × H × D)	500mm × 500mm/500mm × 1000mm	500mm × 500mm/500mm × 1000mm	500mm × 500mm / 500mm × 1,000mm	500mm × 500mm / 500mm × 1,000mm	500mm × 500mm / 500mm × 1,000mm
Material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Brightness	800 cd/m <sup>2</sup>	800 cd/m <sup>2</sup>	1,000 cd/m <sup>2</sup>	800 cd/m <sup>2</sup>	800 cd/m <sup>2</sup>
Color Temperature	2,000-9,300k (adjustable)	2,000-9,300k (adjustable)	2,000-9,300k (adjustable)	2,000-9,300k (adjustable)	2,000-9,300k (adjustable)
Viewing Angle (H/V)	150°/150°	150°/150°	150°/150°	150°/150°	150°/150°
Panel Weight	26kg/ m <sup>2</sup>	26kg/ m <sup>2</sup>	26kg/ m <sup>2</sup>	26kg/ m <sup>2</sup>	26kg/ m <sup>2</sup>
Contrast Ratio	5,000 : 1	5,000 : 1	5,000 : 1	5,000 : 1	5,000 : 1
Service Access	Front	Front	Front	Front	Front
Input Power/Panel (Max.)	480±10% W/m <sup>2</sup>	480±10% W/m <sup>2</sup>	480±10% W/m <sup>2</sup>	380±5% W/m <sup>2</sup>	380±5% W/m <sup>2</sup>
Input Power/Panel (Ave.)	160±10% W/m <sup>2</sup>	160±10% W/m <sup>2</sup>	160±10% W/m <sup>2</sup>	126±5% W/m <sup>2</sup>	126±5% W/m <sup>2</sup>
Ingress Protection	Front IP50	Front IP50	Front IP50	Front IP50	Front IP50
Input Voltage	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC
Refresh Rate	3,840 Hz	3,840 Hz	3,840 Hz	3,840 Hz	3,840 Hz
Operating Temperature/Humidity	-10°C to 45°C/10% - 80% RH	-10°C to 45°C/10% - 80% RH	-10°C to 45°C/10% - 80% RH	-10°C to 45°C/10% - 80% RH	-10°C to 45°C/10% - 80% RH
Storage Temperature/Humidity	-20°C to 55°C/10% - 85% RH	-20°C to 55°C/10% - 85% RH	-20°C to 55°C/10% - 85% RH	-20°C to 55°C/10% - 85% RH	-20°C to 55°C/10% - 85% RH

\* (Optional)

### Flexible Display, Creative Solution



- Dynamic creativity and ultra flexibility
- Sustainable reliability
- Streamline operational efficiency

### Dynamic Creativity

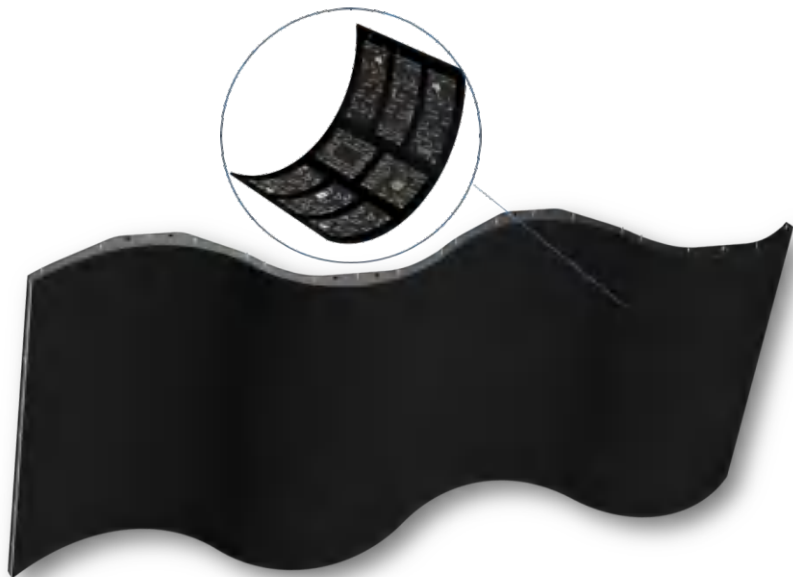


Creativity is easy with UHF



Ultra Flexible

Flexible cabinet size, cabinet size can be customized according to project demands



(Pixel pitch P1.9, P2.5, P3.8)

Sustainable Reliability



Metal Bottom Case & Good Heat Dissipation Effect



- PCB with FR-4 technology
- Customized COS technology protection is available

Streamline Operation Efficiency

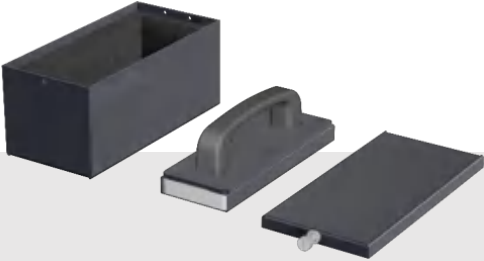


- 4-in-1 bar module increases the speed of installation and curving precision .



- With each panel size 55'' (customizable), it is natural to create native Full HDH screens, at the same time ensures high screen flatness.

Magnetic tool for front module maintenance





# Unano

Fine Pitch To Move

- PPM (Popping-Up Protection Mechanism) -effective collision prevention
- Concave curve and patented fast locks - creative and fast installation
- Slim and lightweight cabinet - easy maintenance



reddot award 2019  
best of the best



DESIGN  
AWARD



Model	Unano1.3	Unano1.5	Unano1.8
Pixel Pitch	1.3mm	1.5mm	1.8mm
Brightness	600 cd/m²	800 cd/m²	800 cd/m²
Pixel Density	522,257 pixels/m²	423,028 pixels/m²	293,769 pixels/m²
Module Size (WxH)	221.4 x 166.05mm	221.4 x 166.05mm	221.4 x 166.05mm
Panel Size (WxHxD)	442.8 x 498.15 x 62mm	442.8 x 498.15 x 62mm	442.8 x 498.15 x 62mm
Panel Resolution	320x 360 dots	288x324 dots	240x 270 dots
Aspect Ratio (W:H)	8:9	8:9	8:9
Panel Weight	7 kg	7 kg	7 kg
Material	Die-cast Magnesium	Die-cast Magnesium	Die-cast Magnesium
Ingress Protection	IP50	IP50	IP50
Operating Temperature/Humidity	-10°C to 40°C/10% - 80% RH	-10°C to 40°C/10% - 80% RH	-10°C to 40°C/10% - 80% RH
Maintenance	Front - Module, Rear - Other Components	Front - Module, Rear - Other Components	Front - Module, Rear - Other Components
Curve (Convex - Concave)	0° to 6°(optional)	0° to 6°(optional)	0° to 6°(optional)
Viewing Angle (H/V)	160°/160°	160°/160°	160°/160°
Contrast Ratio	5,000:1	5,000:1	5,000:1
Input Power/Panel (Ave.)	50 W	50 W	50 W
Refresh Rate	3,840 Hz	3,840 Hz	3,840 Hz
Input Voltage	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC
Input Power Frequency	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
Standard Mounting Configuration	Hanging, Stacking	Hanging, Stacking	Hanging, Stacking
Certification	TUV-CE/UL/CB/CCC/FCC/RCM/RoHS	TUV-CE/UL/CB/CCC/FCC/RCM/RoHS	TUV-CE/UL/CB/CCC/FCC/RCM/RoHS

Note: Specifications are for reference only and are subject to change without notice.

Popping-up protection mechanism  
Edge protection at the bottom to prevent hitting with  
automatically telescopic design, safe and convenient  
for re-disassembly



Fast lock of precise arc adjustment



Curve design 0°- 6°



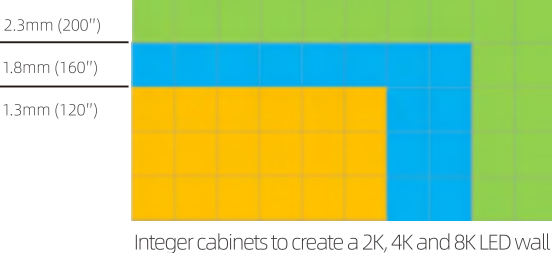
Hanging installation



Fast maintenance module & central unit



Unit Ratio Design



Stacking system



High Gray Scale & HDR Processing Technology



4K high-resolution, 24bit high gray scale

This function can be achieved only in specific customized configuration.





# UpadIV

Create Value, Continuously

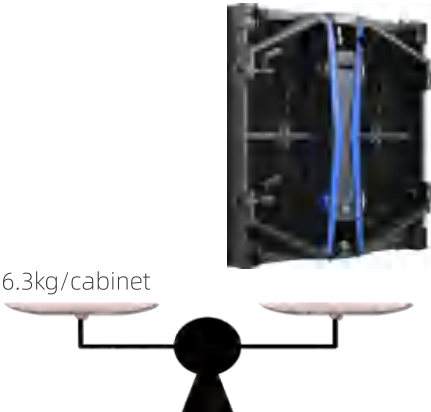
- Ultra lightweight – die-cast magnesium design, weighs only 6.3kg
- Automatic lock design – enables one engineer to finish installation, disassembly and maintenance
- Brilliant visual performance – DDC (Dual Drive Configuration) Technology & HDR Technology
- Multiple scenario applications – high precision curving & creative display

Model	UpadIV1.9	UpadIV2	UpadIV3
Pixel Pitch	1.9mm	2.6mm	3.9mm
Brightness	800 cd/m²	1,000-1,200 cd/m²	800-1000 cd/m²
Pixel Density	262,144 pixels/m²	147,456 pixels/m²	65,536 pixels/m²
Module Size (W×H)	250 × 250mm	250 × 250mm	250 × 250mm
Panel Size (W×H×D)	500 × 500 × 70.1mm	500 × 500 × 70.1mm	500 × 500 × 70.1mm
Panel Resolution	256×256 dots	192 × 192 dots	128 × 128 dots
Panel Weight	6.3 kg	6.3 kg	6.3 kg
Material	Die-cast Magnesium	Die-cast Magnesium	Die-cast Magnesium
Ingress Protection	IP30	IP30	IP30
Operating Temperature/Humidity	-10°C to 45°C/10% - 80% RH	-10°C to 45°C/10% - 80% RH	-10°C to 45°C/10% - 80% RH
Maintenance	Front & Rear	Front & Rear	Front & Rear
Curve (Convex - Concave)	-5° to 10°(optional)	-5° to 10°(optional)	-5° to 10°(optional)
Viewing Angle (H/V)	160°/160°	160°/160°	160°/160°
Contrast Ratio	5,000:1	6,000:1	3,000:1
Input Power/Panel (Ave.)	50 W	50 W	50 W
Refresh Rate	3,840 Hz	3,840 Hz	3,840 Hz
Input Voltage	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC
Input Power Frequency	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
Standard Mounting Configuration	Hanging, Stacking	Hanging, Stacking	Hanging, Stacking
Certification	TUV-CE/UL/CB/FCC/IC/RoHS	TUV-CE/UL/CB/FCC/IC/RoHS	TUV-CE/UL/CB/FCC/IC/RoHS

Note: Specifications are for reference only and are subject to change without notice.

## Lighter, die-cast magnesium design

The die-cast magnesium cabinet weighs only 6.3kg, 30% lighter than average.



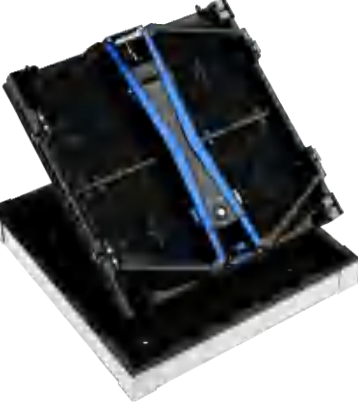
## Transportation protection

High strength flight case



## Handling cover

Foam sheath



## Installation protection

Automatic edge protection & effective corner protection



## Module protection

Moveable safety rope design



DDC Technology (Dual Drive Configuration)

Two modes by one switch One screen for dual uses



High light mode



In general, the picture goes blurry with 10 % of reduction in brightness.



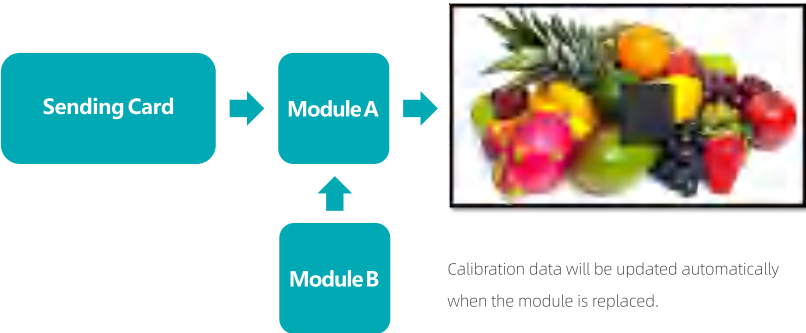
Low light mode

HDR technology



High resolution16bit, high gray level, support 10bit video

Automatic calibration



Lighter, die-cast magnesium design



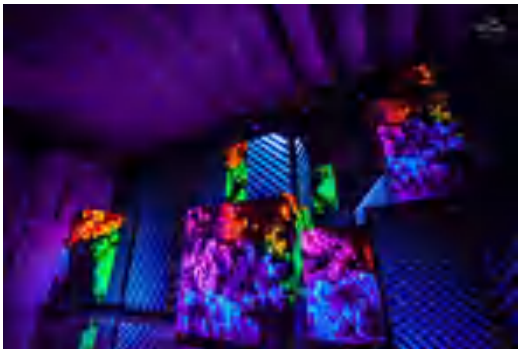
Internal 90-degree corner



Curved wall



Creative



External 90-degree corner



Ceiling





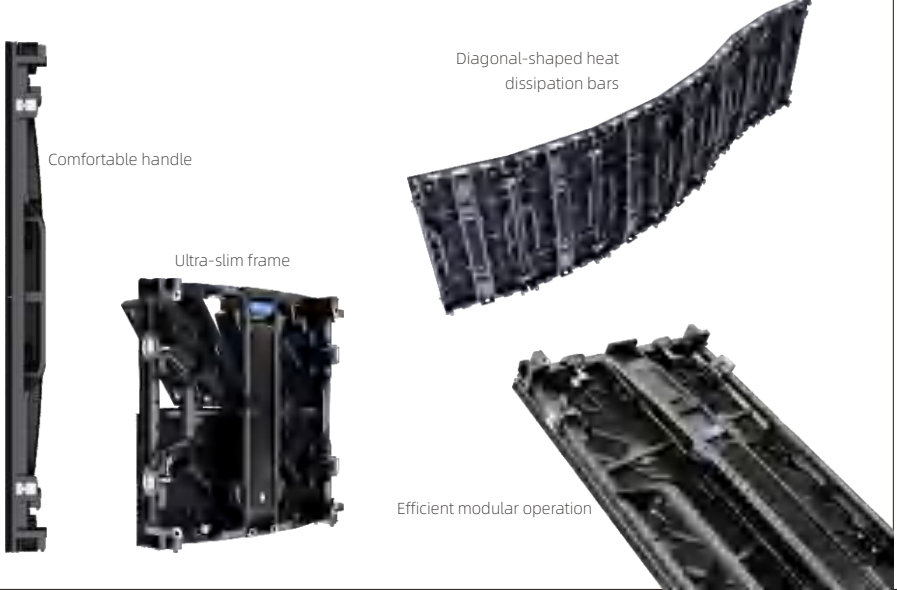
# URMIII

## Ease of Use

- True single-person installation – automatic lock design, excellent safety performance
- Pinch n' go module – high efficiency of screen maintenance
- 3D corner protection – protect the screen from damage
- Creative installation – 90° corner, curve and creative shapes

Model	URMIII2.6	URMIII2	URMIII3	URMIII03	URMIII04	URMIII05
Pixel Pitch	2.6mm	2.9mm	3.9mm	3.9mm	4.8mm	5.9mm
Brightness	1,000 cd/m²	800 cd/m²	800 cd/m²	4,500 cd/m²	4,500 cd/m²	5,000 cd/m²
Pixel Density	147,456 pixels/m²	112,896 pixels/m²	65,536 pixels/m²	65,536 pixels/m²	43,264 pixels/m²	28,224 pixels/m²
Module Size (W×H)	250 × 250mm	250 × 250mm	250 × 250mm	250 × 250mm	250 × 250mm	250 × 250mm
Panel Size (W×H×D)	500 × 500 × 83mm	500 × 500 × 83mm/500 × 1,000 × 83mm	500 × 500 × 83mm/500 × 1,000 × 83mm	500 × 500 × 83mm/500 × 1,000 × 83mm	500 × 500 × 83mm/500 × 1,000 × 83mm	500 × 500 × 83mm/500 × 1,000 × 83mm
Panel Resolution	192 × 192 dots	168 × 168 dots/168 × 336 dots	128 × 128 dots/128 × 256 dots	128 × 128 dots/128 × 256 dots	104 × 104 dots/104 × 208 dots	84 × 84 dots/84 × 168 dots
Panel Weight	8.0 kg	8.0 kg/14.0 kg	8.0 kg/14.0 kg	8.6 kg/14.6 kg	8.6 kg/14.6 kg	8.6 kg/14.6 kg
Material	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum
Ingress Protection	IP30	IP30	IP30	IP65	IP65	IP65
Operating Temperature/Humidity	-10°C to 45°C/10% - 80% RH	-10°C to 45°C/10% - 80% RH	-10°C to 45°C/10% - 80% RH	-20°C to 50°C/10% - 90% RH	-20°C to 50°C/10% - 90% RH	-20°C to 50°C/10% - 90% RH
Maintenance	Rear	Rear	Rear	Rear	Rear	Rear
Curve (Convex - Concave)	-10° to 10°(optional)	-10° to 10°(optional)	-10° to 10°(optional)	-10° to 10°(optional)	-10° to 10°(optional)	-10° to 10°(optional)
Viewing Angle (H/V)	140°/120°	140°/120°	140°/120°	140°/120°	140°/120°	140°/120°
Contrast Ratio	5,000:1	3,000:1	3,000:1	3,000:1	4,000:1	5,000:1
Input Power/Panel (Ave.)	45 W	35 W/70 W	35 W/70 W	50 W/100 W	50 W/100 W	50 W/100 W
Refresh Rate	3,840 Hz	3,840 Hz	3,840 Hz	3,840 Hz	3,840 Hz	3,840 Hz
Input Voltage	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC
Input Power Frequency	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
Standard Mounting Configuration	Hanging, Stacking	Hanging, Stacking	Hanging, Stacking	Hanging, Stacking	Hanging, Stacking	Hanging, Stacking

## Design



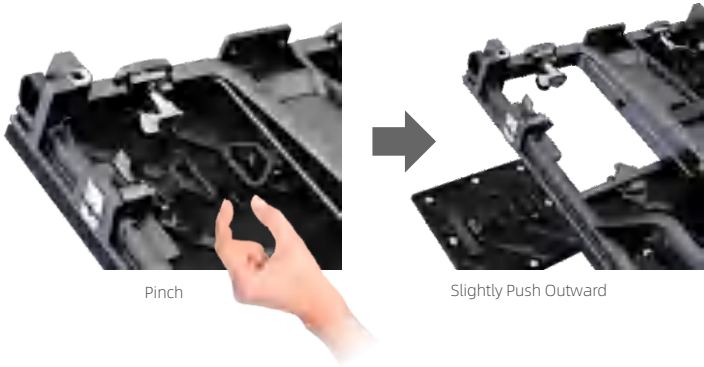
## Click-lock—True Single-person Installation



- 1 Click to pop up the King PIN
- 2 Stack the tiles, and they lock automatically
- 3 Push the clasp inward with fingers to double-lock

## Pinch n' Go Module—New Direction of Module

### Module Release



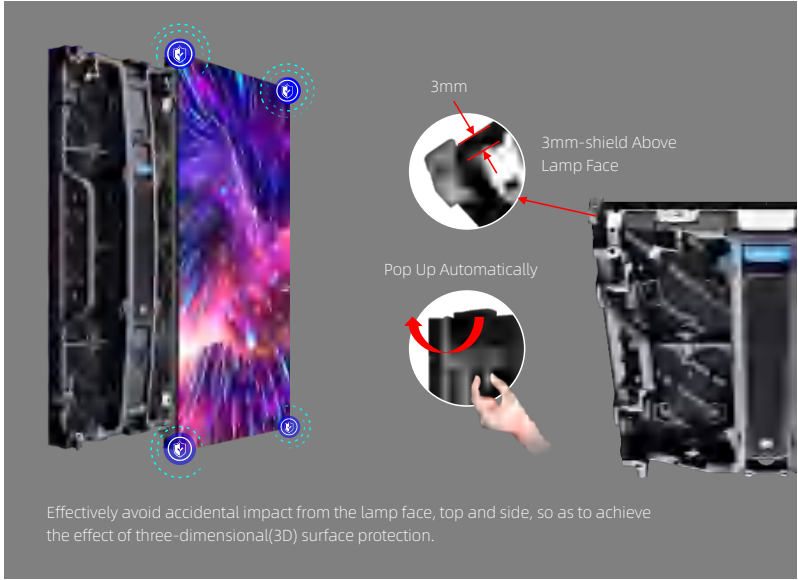
Effectively improve the efficiency of screen maintenance, reduce maintenance time and energy.  
NOTE: Standard for outdoor, optional for indoor

### Pull Back



Simple pull-back and precise positioning systems make it convenient to ensure the flatness of the screen.  
NOTE: Standard for outdoor, optional for indoor

Flip-shield— Comprehensive Corner Protection



Quick Installation, Turnaround

Cut 2/3 of installation time compared to that without touring system.



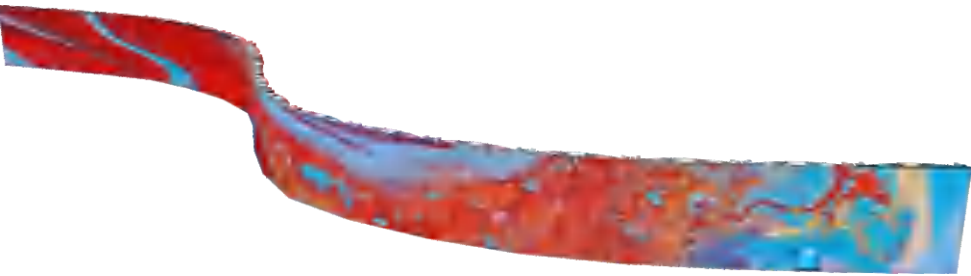
Creative Installation



90° Corner Installation



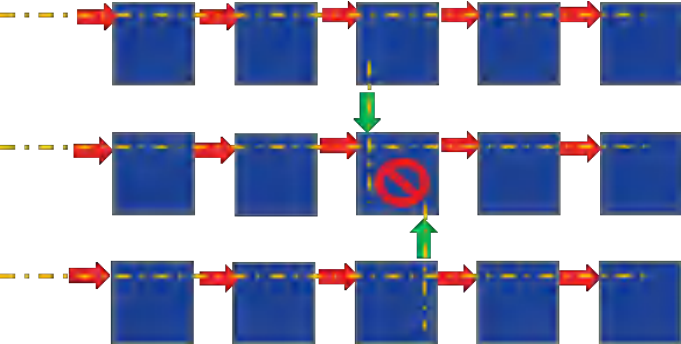
Others



Curve Installation

-10° -8.75° -7.5° -6.25° -5° -3.75° -2.5° -1.25° 0° 1.25° 2.5° 3.75° 5° 6.25° 7.5° 8.75° 10°

ABS Technology ( Advanced Backup Sharing )

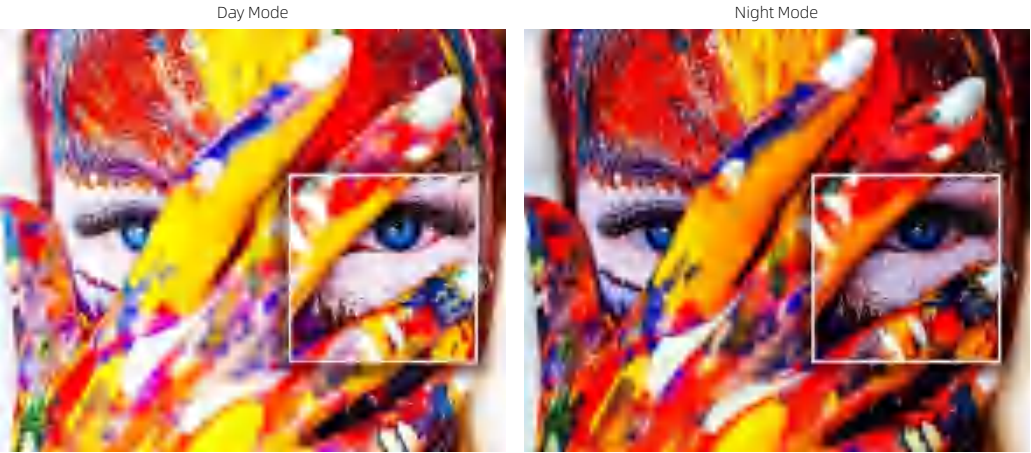


Quickly solve the power failure of the power box without disassembly.

When a power failure, power cord failure or aviation plug failure occurs, the adjacent cabinets will share the output current to make the screen display normally.

NOTE: Optional for indoor only

DDC Technology ( Dual Drive Configuration )



Indoor and Outdoor Dual Use.

Day mode and night mode can be switched within 1 second.

Accessories



2-in-1 Hanging & Ground Beam



Stacking Installation Accessories

(ground beam, ground beam support, back frame, back frame connector)





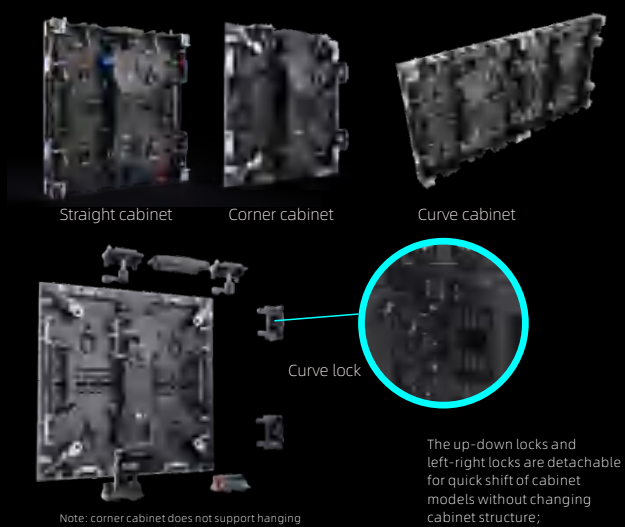
# UGNII

## HD Meets Creativity

- Detachable lock design-quick shift of cabinet models
- High flexibility with no limited shapes -realize your endless imagination
- Real one-person installation for fewer labor costs and more convenience
- Carefree-level stability- operation with high protection and stability

Model	UGN II 1.5	UGN II 1.8	UGN II 2.6
Pixel Configuration	1R1G1B	1R1G1B	1R1G1B
Brightness	800 cd/m <sup>2</sup>	800 cd/m <sup>2</sup>	800 cd/m <sup>2</sup>
Pixel Density	409,600 pixels/m <sup>2</sup>	278,784 pixels/m <sup>2</sup>	147,456 pixels/m <sup>2</sup>
Pixels per panel	320 × 320 dots	264 × 264 dots	192 × 192 dots
Cabinet size (WxHxD)(mm)	500 x 500 x 66mm	500 x 500 x 66mm	500 x 500 x 66mm
Panel Weight	7 kg	7 kg	7 kg
Material	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum
Grey scale (bit)	14	14	14
Viewing Angle (H/V)	140°/120°	140°/120°	140°/120°
Input Power/Panel(Max.)	120 W	120 W	120 W
Input Power/Panel (Ave.)	40 W	40 W	40 W
Refresh Rate	3,840 Hz	3,840 Hz	3,840 Hz
Input Voltage	AC 100~240	AC 100~240	AC 100~240
Color Temperature	2,000~9,300 adjustable	2,000~9,300 adjustable	2,000~9,300 adjustable
Contrast Ratio	4000:1	4000:1	4000:1
Operating Temperature/Humidity	-10~+45/10~80%	-10~+45/10~80%	-10~+45/10~80%
Storage Temperature/Humidity	-20~+50/10~80%	-20~+50/10~80%	-20~+50/10~80%

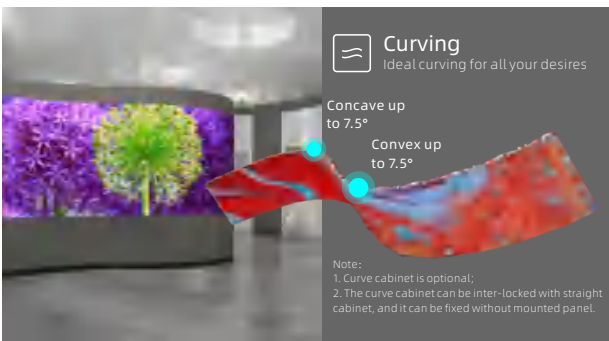
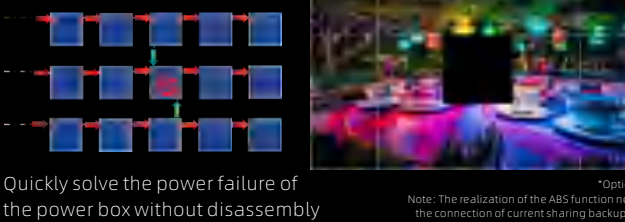
### Detachable Lock Design



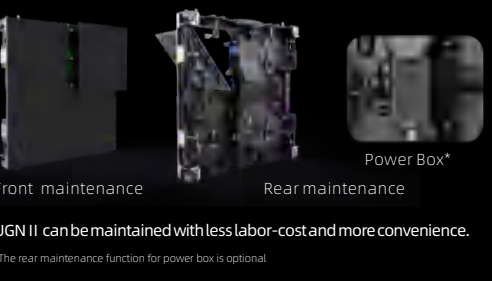
### Convenient installation



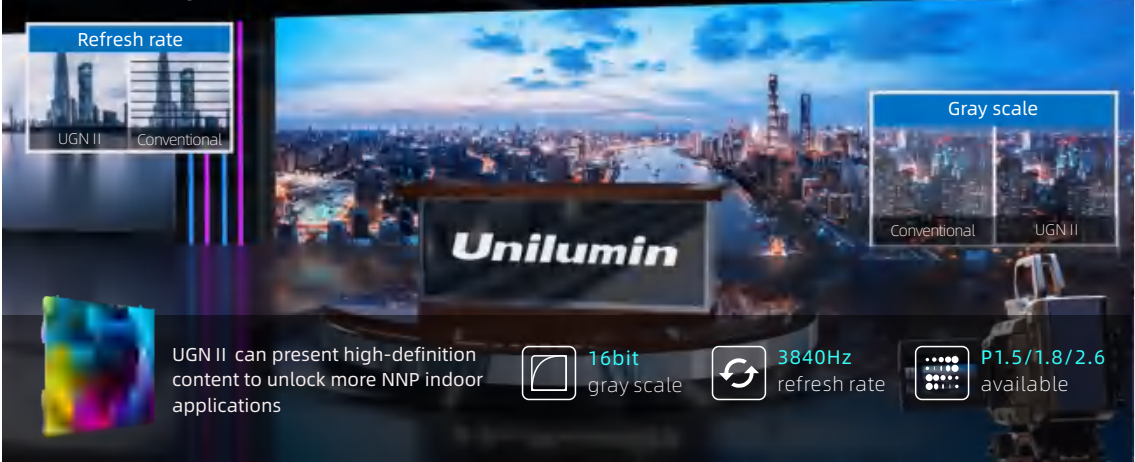
### ABS Technology\*



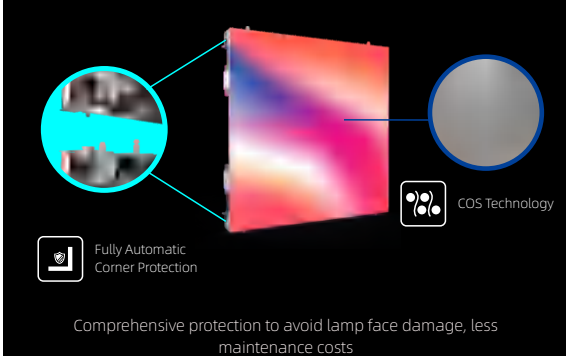
### Front and rear maintenance



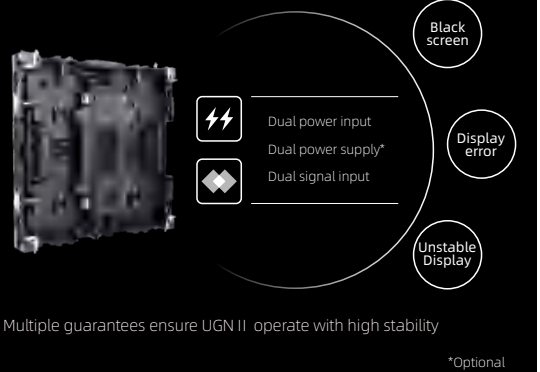
### True-to-life Image Presentation

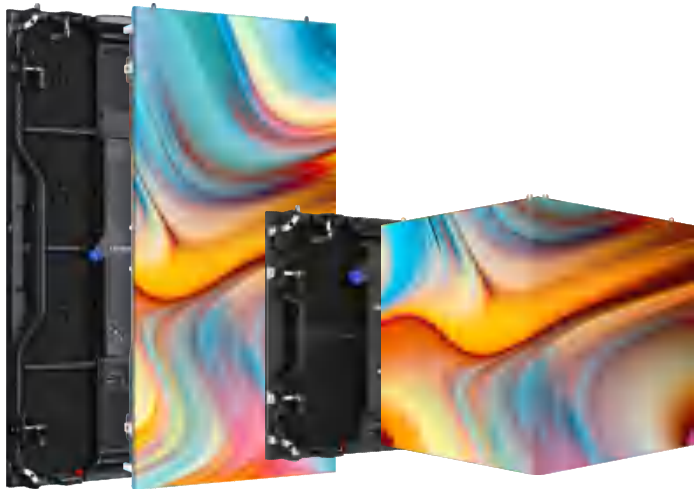


### Reliable Protection



### Ultra-stable Operation





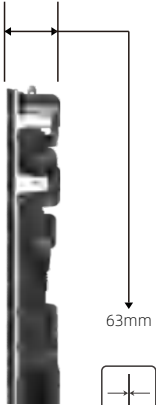
# UGM II

All Usability in One

- Convenient click-lock design for effortless installation
- Fearless of any collision with anti-scratch masks and corner protection
- Customized design allowing for various creative installation styles
- Slimmer, supreme minimalist design to save more space

Model	UGMII2.6	UGMII2	UGMII3	UGMII03	UGMII04
Pixel Pitch	2.6mm	2.9mm	3.9mm	3.9mm	4.8mm
Brightness	800-1,000 cd/m²	800-1,000 cd/m²	800-1,000 cd/m²	4,000 cd/m²	3,500 cd/m²
Pixel Density	147,456 pixels/m²	112,896 Pixel/m²	65,536 Pixel/m²	65,536 Pixel/m²	43,264 Pixel/m²
Panel Resolution	192 × 192 dots	168 × 168 dots	128 × 128 dots/128 × 256 dots	128 × 128 dots/128 × 256 dots	104 × 104 dots/104 × 208 dots
Module Size (W×H)	250mm × 250mm	250mm × 250mm	250mm × 250mm	250mm × 250mm	250mm × 250mm
Panel Size (W × H × D)	500 x 500 x 63 mm	500 x 500 x 63 mm/500 x 1000 x 63mm	500 x 500 x 63 mm/500 x 1000 x 63mm	500 x 500 x 64 mm/500 x 1000 x 64mm	500 x 500 x 64 mm/500 x 1000 x 64mm
Panel Weight	6 kg	5.9 kg	5.8 kg / 10.5 kg	6.4 kg / 11.4 kg	6.4 kg / 11.4 kg
Material	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum
Ingress Protection	IP 30	IP 30	IP 30	IP 65	IP 65
Viewing Angle (H/V)	140°/120°	140°/120°	140°/120°	140°/120°	140°/120°
Input Power/Panel(Max.)	120(W/Panel)	120(W/Panel)	120/240(W/Panel)	150/300(W/Panel)	150/300(W/Panel)
Input Power/Panel (Ave.)	40(W/Panel)	40(W/Panel)	40/80(W/Panel)	50/100(W/Panel)	50/100(W/Panel)
Refresh Rate	3,840 Hz	3,840 Hz	3,840 Hz	3,840 Hz	3,840 Hz
Input Voltage	200 - 240 VAC	200 - 240 VAC	200 - 240 VAC	200 - 240 VAC	200 - 240 VAC
Input Power Frequency	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
Contrast Ratio	3000:1	3000:1	3000:1	3000:1	3000:1
Operating Temperature/Humidity	-10°C to 45°C/10% - 80% RH	-10°C to 45°C/10% - 80% RH	-10°C to 45°C/10% - 80% RH	-20°C to 50°C/10% - 90% RH	-20°C to 50°C/10% - 90% RH
Standard Mounting Configuration	Hanging, Stacking	Hanging, Stacking	Hanging, Stacking	Hanging, Stacking	Hanging, Stacking

## Lightweight



The cabinet's width is just 63mm, therefore, more UGM II cabinets can be saved in the same space.



500mm\*500mm cabinet, 5.8kg/panel;  
500mm\*1000mm cabinet, 10.5kg/panel ;



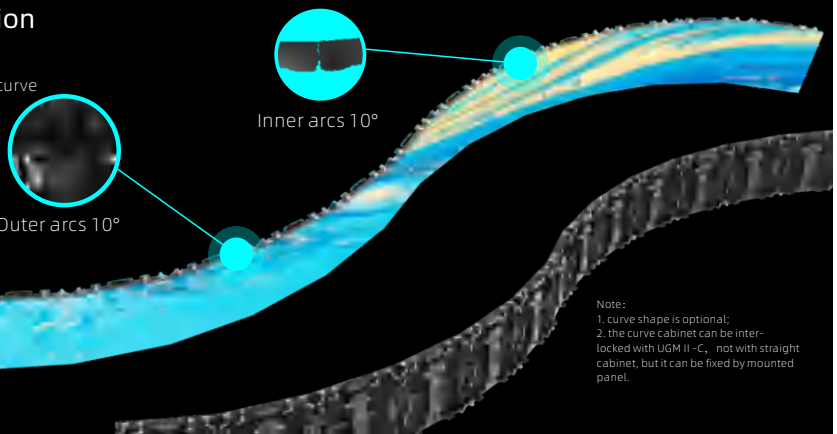
### Click-lock

### True Single-person Installation

- Click to pop up the King PIN;
- Complete the lock by touching the upper and lower modules;
- Reinforce the lock in one click.

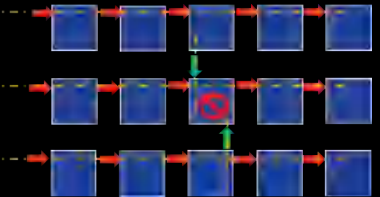
## Curve Function

Support to custom curve cabinet for various angles (including -10°, -7.5°, -5°, -2.5°, 0°, 2.5°, 5°, 7.5°, 10°);



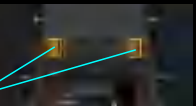
Note:  
1. curve shape is optional;  
2. the curve cabinet can be interlocked with UGM II - C, not with straight cabinet, but it can be fixed by mounted panel.

## ABS Technology (Advanced Backup Sharing)



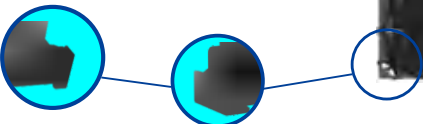
Quickly solve the power failure of the power box without disassembly. When a power failure, power cord failure or aviation plug failure occurs, the adjacent cabinets will share the output current to make the screen display normally.

Note:  
1. ABS technology is optional;  
2. The realization of the ABS function needs the connection of current sharing backup line.



## Flip-shield corner protection

Lowering the collisions risk of the lamp face during transportation.



Note: corner protection is optional

## Scratch protection of the lamp face

- The salient point design of the mask enhances the crashworthiness of the module surface;
- Lamp pin dispensing process makes thrust strengthened;
- Reduce the maintenance cost of the lamp;

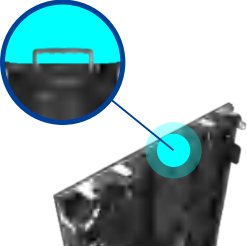
## Rear maintenance module

Compatible modules between 500\*500 and 500\*1000 cabinets;



## Comfortable big handle

Convenient to grasp and move;



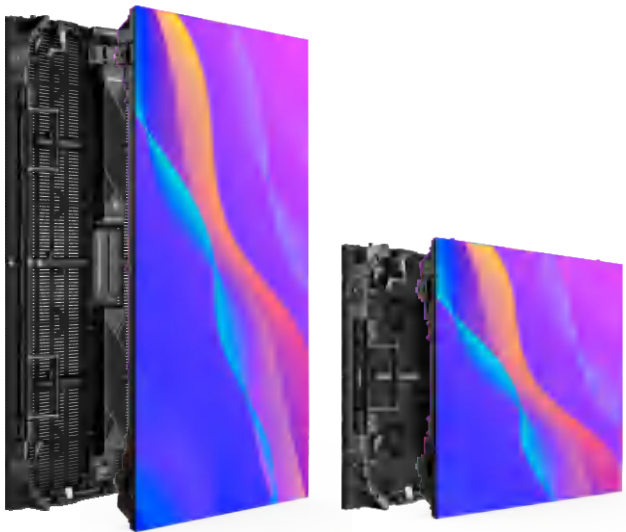
## Interdependent power box design

Modular design of power box for fast-switch service;



Note: UGM II 500 \* 500mm and 500 \* 1000mm power supply box are not compatible.





# UGC

## Lighter for Better

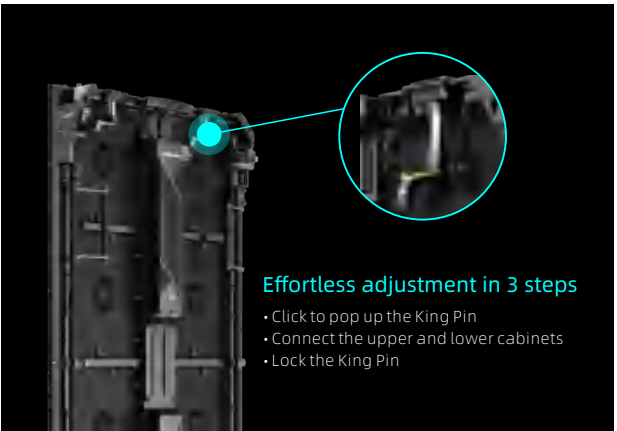
- Up to 35% weight reduction carbon fiber cabinet for better user experience
- Easy click-lock design for lower labor expenses and more convenient installation
- -10°~10° ultra-wide curving range to explore your creative ideas
- Care-free stability with comprehensive protection designs

Model	UGC2.6	UGC3	UGC03	UGC04	UGC06
Pixel Pitch	2.6mm	3.9mm	3.9mm	4.8mm	6.9mm
Brightness	800 cd/m²	800 cd/m²	4000 cd/m²	4000 cd/m²	4000 cd/m²
Pixel Density	147,456 pixels/m²	65,536 pixels/m²	65,536 pixels/m²	43,264 pixels/m²	20,736 pixels/m²
Pixels Per Panel(WxH)	192 x 192 dots	128x128dots/128x256dots	128x128dots/128x256dots	104x104 dots/104x208 dots	72x72 dots/72x144 dots
Panel Size (WxHxD)(mm)	500 x 500 x 66	500x500x70/500x1000x70	500x500x70/500x1000x70	500x500x70/500x1000x70	500x500x70/500x1000x70
Panel Weight	5.6 kg	5.6/9.8kg	5.6 /10kg	5.8/10 kg	5.6/9.7 kg
Material	Carbon Fiber & Die-cast Magnesium	Carbon Fiber & Die-cast Magnesium	Carbon Fiber & Die-cast Magnesium	Carbon Fiber & Die-cast Magnesium	Carbon Fiber & Die-cast Magnesium
Frame frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Viewing Angle (H/V)	140°/120°	140°/120°	140°/120°	140°/120°	140°/120°
Input Power/Panel(Max.)	120(W/Panel)	120/240(W/Panel)	150/300(W/Panel)	150/300(W/Panel)	150/300(W/Panel)
Input Power/Panel (Ave.)	40(W/Panel)	40/80(W/Panel)	50/100(W/Panel)	50/100(W/Panel)	50/100(W/Panel)
Refresh Rate	3840@60Hz	3840@60Hz	3840@60Hz	3840@60Hz	3840@60Hz
Input Voltage	AC 200~240	AC 200~240	AC 200~240	AC 200~240	AC 200~240
Color Temperature	2,000~9,300 adjustable	2,000~9,300 adjustable	2,000~9,300 adjustable	2,000~9,300 adjustable	2,000~9,300 adjustable
Contrast Ratio	3000:1	3000:1	3000:1	3000:1	3000:1
Operating Temperature/Humidity	-10~+50/10~80%	-10~+50/10~80%	-20~+50/10~90%	-20~+50/10~90%	-20~+50/10~90%
Storage Temperature/Humidity	-10~+45/10~80%	-10~+45/10~80%	-20~+55/10~90%	-20~+55/10~90%	-20~+55/10~90%

### Enhance User Experience with Surprising Lightness



### Click-Lock—True Single-Person Installation



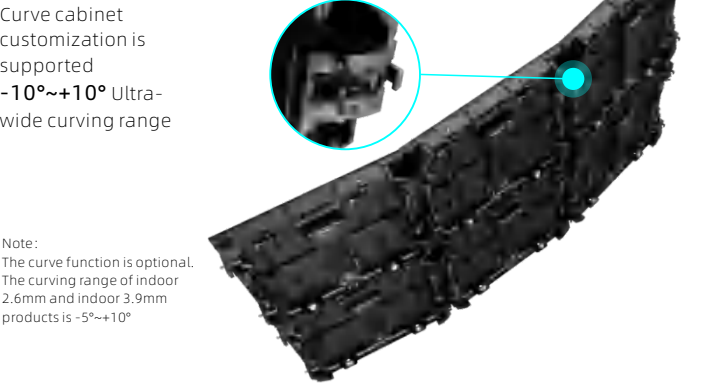
### Easy Maintenance Design

- Rear maintenance module
- Compatible modules in both 500\*500 and 500\*1000 cabinets



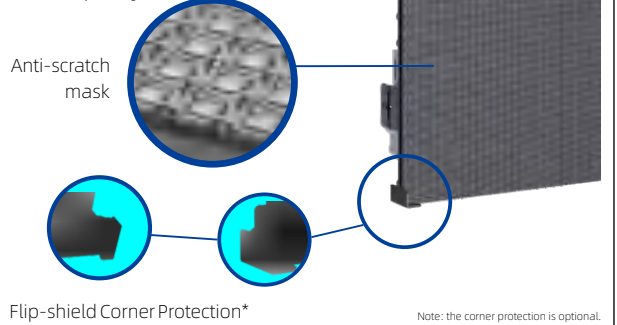
### Superior Curving for Maximum Creativity\*

Curve cabinet customization is supported  
**-10°~+10°** Ultra-wide curving range



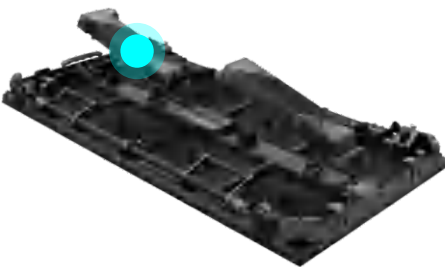
### Care-free Safety Protection

- Anti-scratch mask: The salient point design of the mask enhances the crashworthiness of the module surface.
- Corner Protection: minimizes the risk of damage during transportation and installation to avoid unnecessary damage.

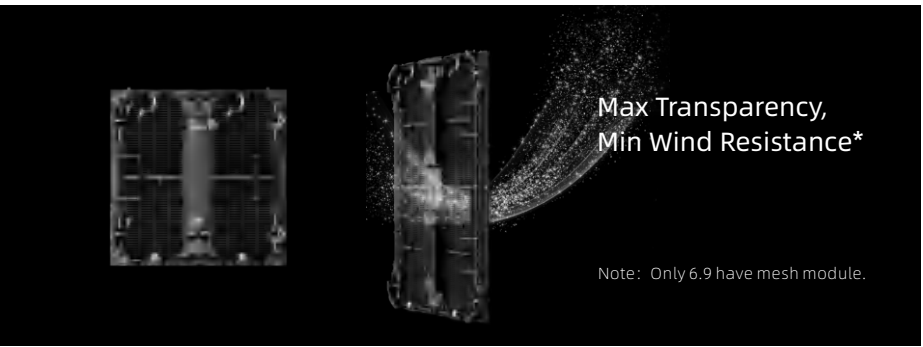
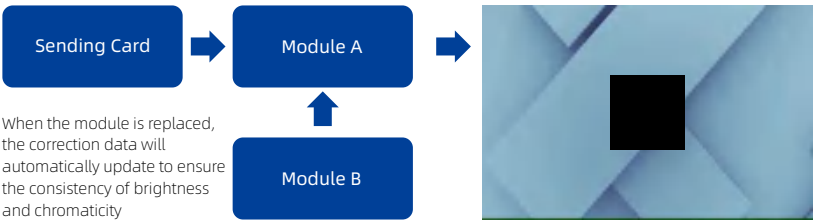


### Independent power box

- Power box can be independently disassembly
- Rear maintenance available



### Automatic Calibration





# XS Series

Create for Imagination

- Compatible splicing solution to meet a variety of creative modeling needs
- Various creative shapes enhanced by 9 angle adjustment gears for a single cabinet with  $\pm 40^\circ$  curve range
- Impressive viewing experience with  $\geq 95\%$  DCI-P3 color gamut content restoration\*

\*optional function

Model	XS1.9	XS2.6	XS3
Pixel Pitch	1.9mm	2.6mm	3.9mm
Brightness	800 cd/m²	800-1200 cd/m²	800-1000 cd/m²
Pixel Density	262,144 pixels/m²	147,456 pixels/m²	65,536 pixels/m²
Panel Resolution	256 × 256 dots	192 × 192 dots	128 × 128 dots
Panel Size (W×H×D)	500 x 500 x 80 mm	500 x 500 x 80 mm	500 x 500 x 80 mm
Panel Weight	7.7 kg	7.7 kg	7.7 kg
Material	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum
Ingress Protection	IP30	IP30	IP30
Viewing Angle (H/V)	160°/160°	140°/120°	140°/120°
Input Power/Panel(Max.)	150 W	150 W	150 W
Input Power/Panel (Ave.)	50 W	45 W	45 W
Refresh Rate	3,840 Hz	3,840 Hz	3,840 Hz
Input Voltage	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC
Color Temperature	2,000~9,300 adjustable	2,000~9,300 adjustable	2,000~9,300 adjustable
Contrast Ratio	5000:1	$\geq 3000:1$	$\geq 3000:1$
Operating Temperature/Humidity	-10~+45/10~80%RH	-20~+50/10~80%	-20~+50/10~80%
Storage Temperature/Humidity	-20~+55/10~80%RH	-10~+45/10~80%	-10~+45/10~80%

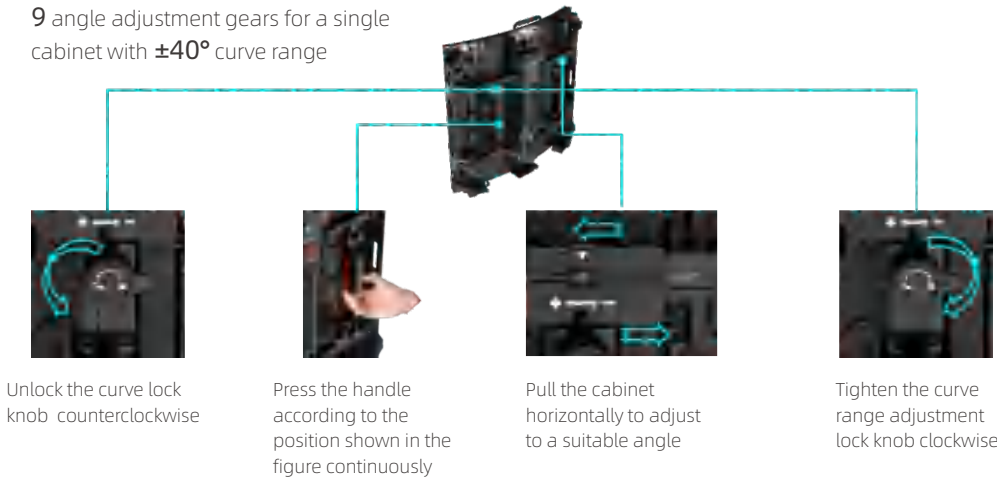
## Compatible Splicing Solution



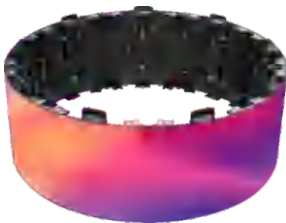
Compatible with UpadIV , URMIII, UGM II , UGN II , RN, totally 5 products to meet a variety of creative modeling needs.

## Convenient Cabinet Curve Range Adjustment

New Breakthrough:  
9 angle adjustment gears for a single cabinet with  $\pm 40^\circ$  curve range



## Creative Shapes



Cylinder  
Minimum diameter of 1.4 meters  
(Only 9 cabinets needed)



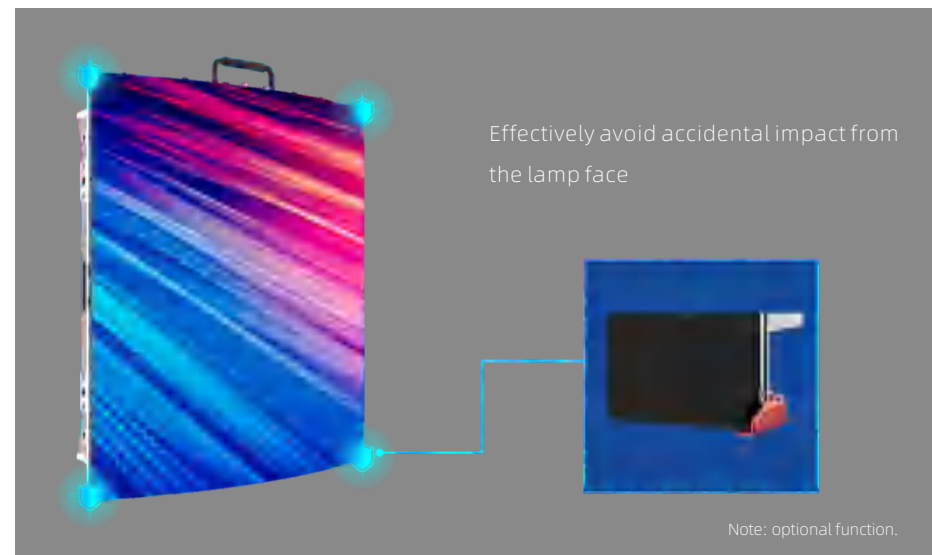
Concave & Convex  
Perfect "S" shape of single cabinet



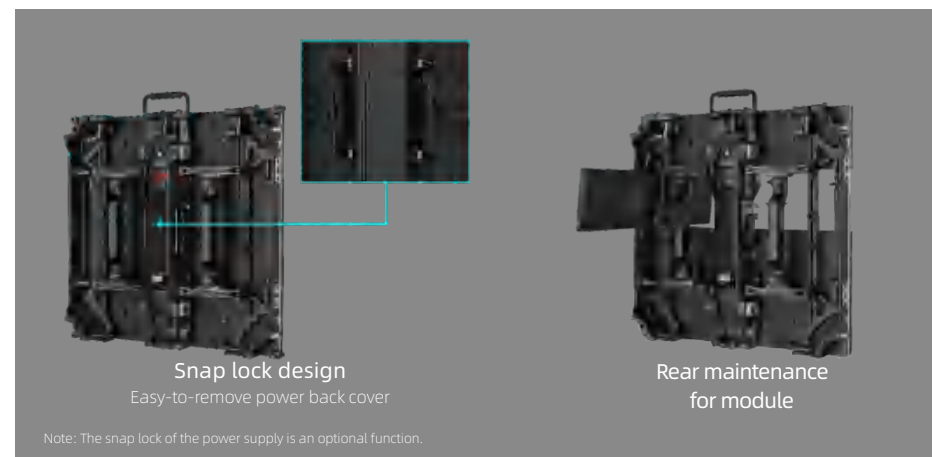
Round-corner  
Square Cylinder  
More scene application options



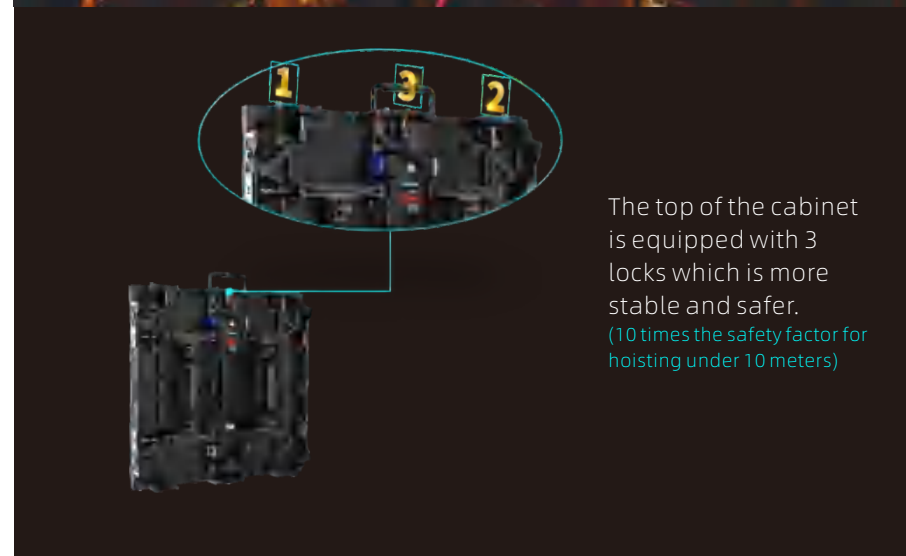
## Comprehensive Corner Protection



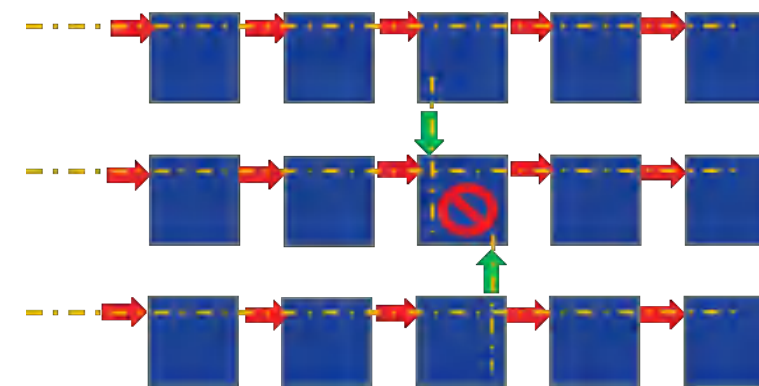
## Effective Maintenance Design



## Super Strong Stability



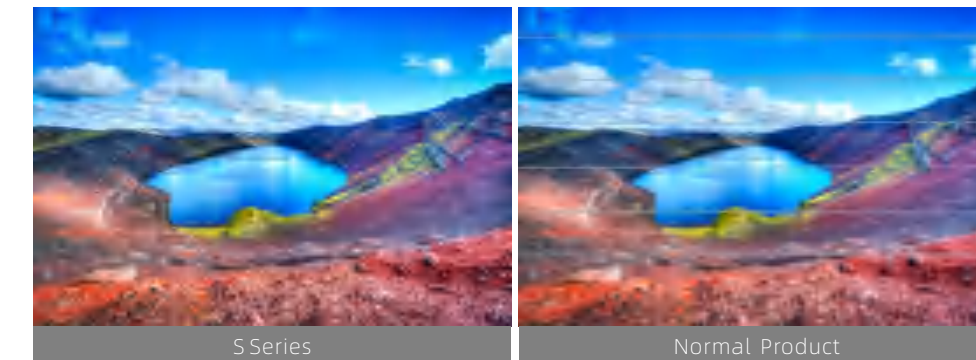
## ABS Technology (Advanced Backup Sharing)



Quickly solve the power failure of the power box without disassembly.

Note: ABS is an optional function.

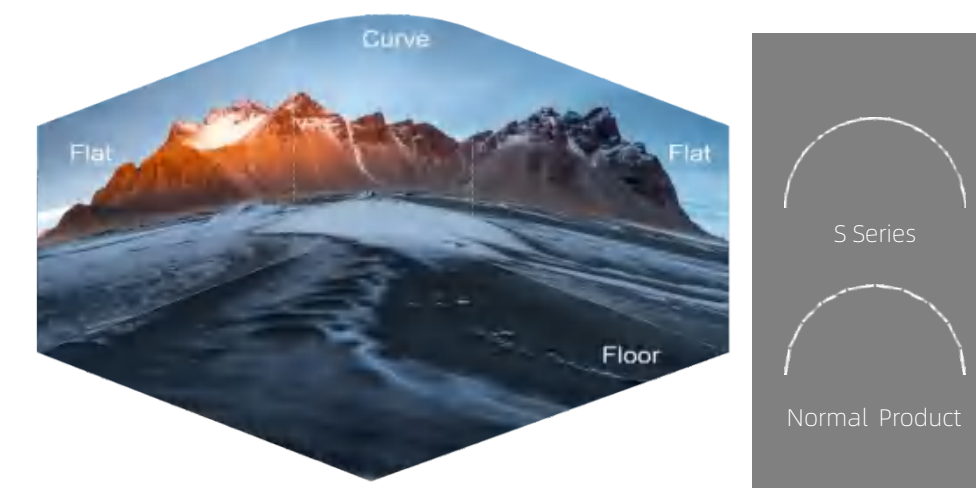
## Ultra-high Definition Display



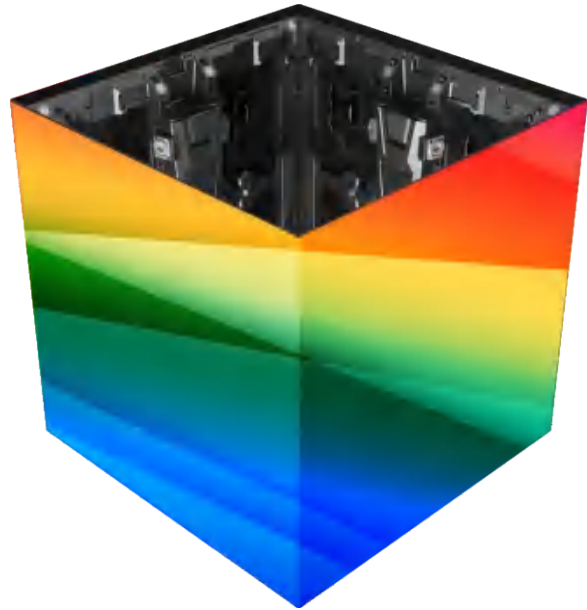
7680Hz ultra-high refresh rate and real 16bit VP-level product display effect  
≥95% DCI-P3 color gamut content restoration

Note: 7680Hz is an optional function.

## Natural and Soft Curve



XS series uses flexible modules and an adjustable frame design to achieve natural and soft curves

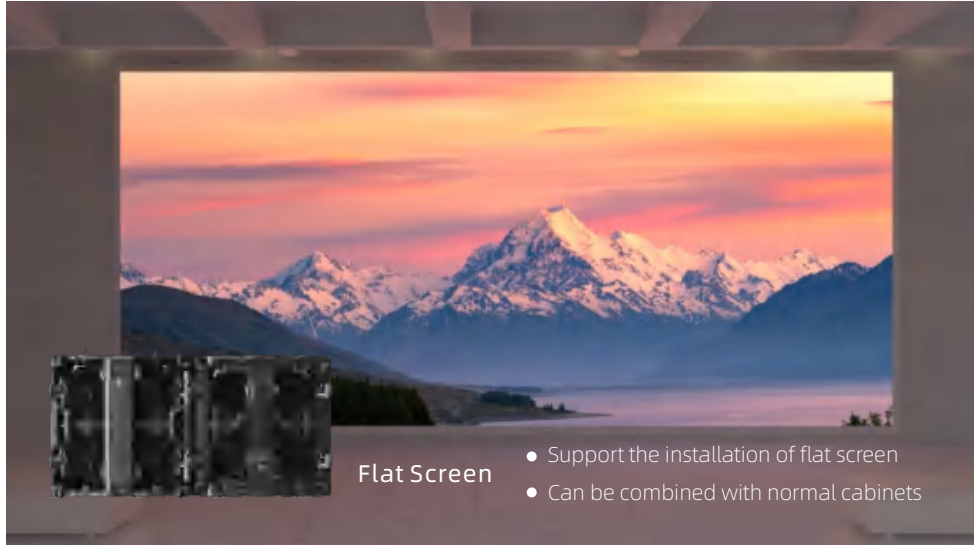


# XC Series

Beyond Your Imagination

- Creative cube shapes without any connection plate
- Compatible splicing solution to meet a variety of creative cube requirements
- Convenient operation and maintenance design

Multiple Application



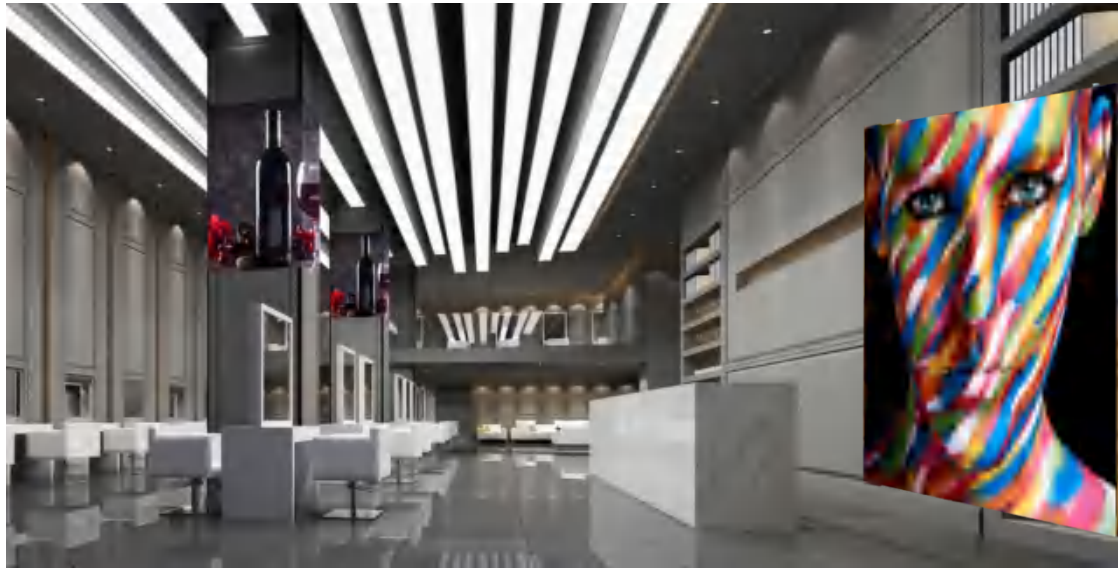
Flat Screen

- Support the installation of flat screen
- Can be combined with normal cabinets



Cube

Creative cube shapes without any connection plate  
**Note:** Cabinet strength and flatness inferior to traditional rental cabinets due to the special design



90° Corner

Corner fast locks design

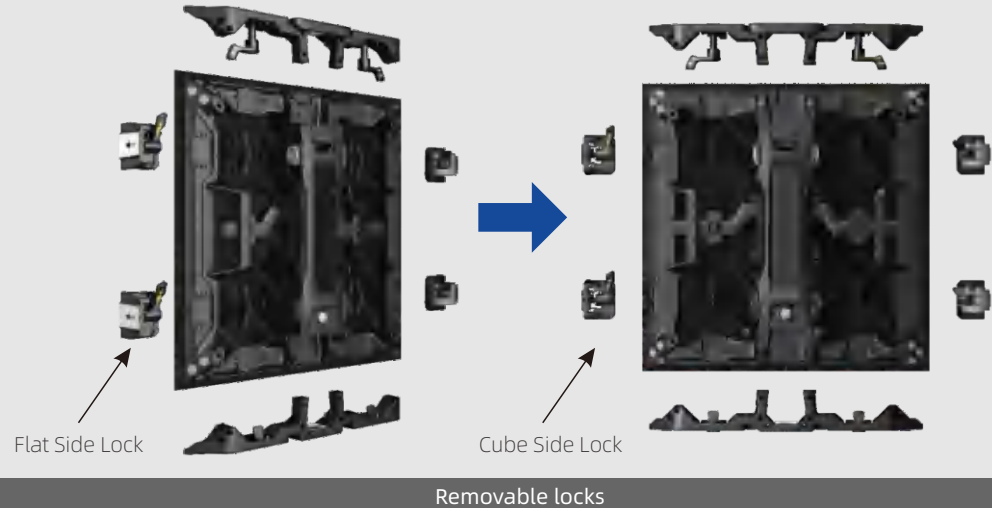
**Note:** Cabinet strength and flatness inferior to traditional rental cabinets due to the special design

Model	UGM II -C	UGN II -C	URMIII -C	UpadIV -C	UpadIV Pro-C
Module Size	250*250mm	250*250mm	250*250mm	250*250mm	250*250mm
Cabinet Size	500*500mm	500*500mm	500*500mm	500*500mm	500*500mm
Environment	Indoor & Outdoor	Indoor	Indoor & Outdoor	Indoor	Indoor
Corner	Support	Support	Support	Support	Support
Cube	Support	Support	Support	Support	Support
Connection for Corner/Cube	Plate	Plate	Lock	Lock	Lock
One-person Installation	—	—	Support	Support	Support
Material	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum
Maintenance	Rear	Front & Rear	Front & Rear	Front & Rear	Front & Rear
Stacking	6m	6m	6m	6m	6m
Hanging	—	—	10m	10m	10m

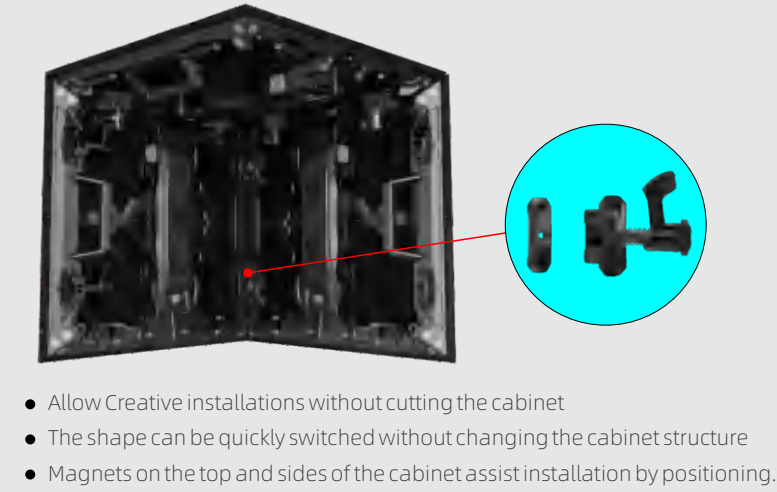
**Note:** For more information, please refer to the main product specification .



Cube Locking System



Fast Lock Design for Corner & Cube



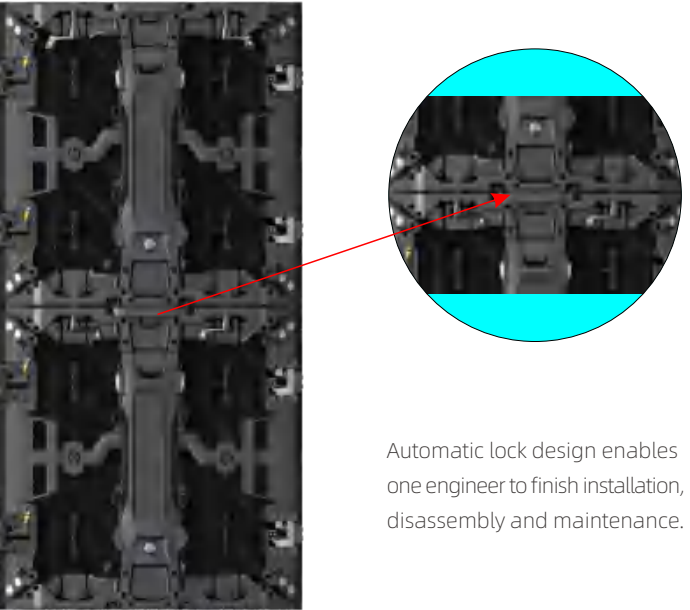
Modular Maintenance



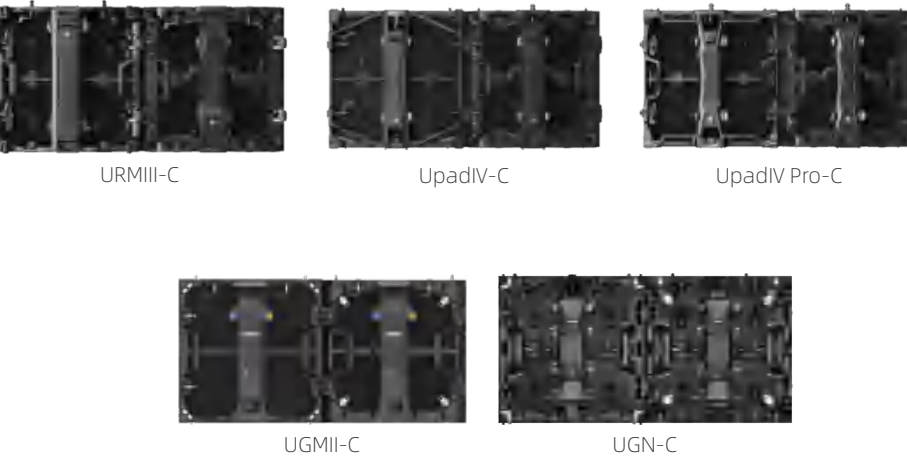
Faster and easy maintenance

- Module & Power Box & Receiving card could be fully **Rear & Front** maintained
- Free of tool for rear service
- Easy modularized maintenance for power box in 10s.

Single Person Installation



Compatible Solution



Compatible with UGMII, UGN, UpadIV, URMIII, UpadIV Pro to meet a variety of creative cube requirements.

Installation





# UDF

## Professional Floor LED Displays

- A variety of core technologies to achieve stable performance
- Excellent image quality with smooth and visual performance
- Layers of protection for effective noise reduction and less vibration
- Independent modular design for easier maintenance

Model	UDF03XR	UDF05
Pixel Pitch	3.9mm	5.2mm
Brightness	1200 cd/m²	1500 cd/m²
Pixel Density	65,536 pixels/m²	36,864 Pixel/m²
Module Size (W×H)	250 × 250mm	250 × 250mm
Panel Size (W×H×D)	500 × 500 × 104mm	500 × 500 × 105mm
Panel Resolution	128 × 128 dots	96 × 96 dots
Panel Weight	11.4 kg	11.2 kg
Material	Profile & Die-cast Aluminum	Aluminum Alloy
Ingress Protection	IP65	IP65
Operating Temperature/Humidity	-20°C~+50°C/10~90%RH	-20°C to 45°C/10% - 90% RH
Maintenance	Front (whole cabinet)	Front (whole cabinet)
Viewing Angle (H/V)	170°/170°	170°/170°
Input Power/Panel(Max.)	150 W	85 W
Input Power/Panel (Ave.)	50 W	30 W
Refresh Rate	3,840 Hz	3,840 Hz
Input Voltage	100 - 240 VAC	100 - 240 VAC
Input Power Frequency	50 - 60 Hz	50 - 60 Hz
Standard Mounting Configuration	Tiling	Tiling

### Matte Mask Design

Matte and diffuse reflection treatment, no matter how strong the light is , there is no reflection on the screen



### Surface light design, making shoot easier

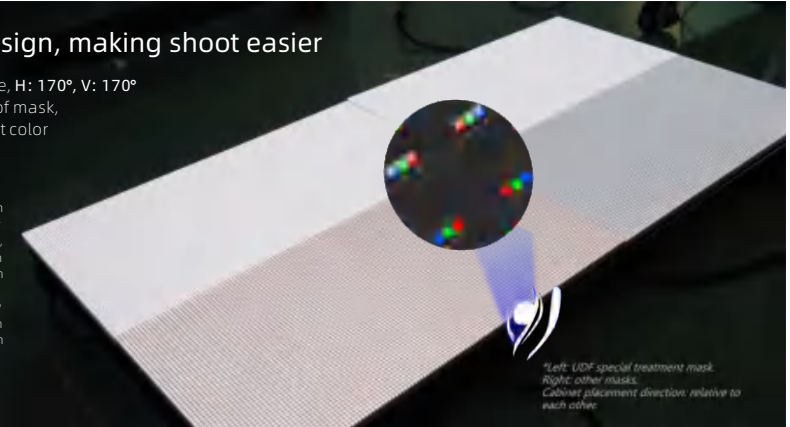
Surface light design makes the picture soft and gentle,  
60% reduction in granular sensation and 90% reduction in moiré



### Surface light design, making shoot easier

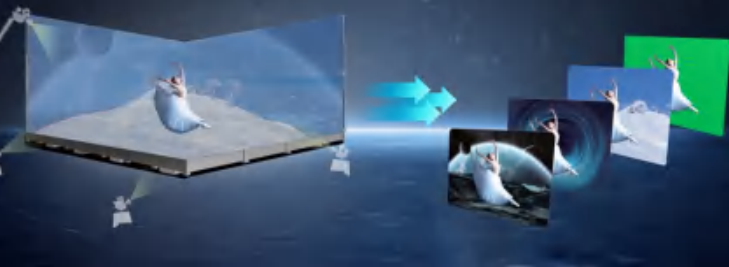
- Ultra-high viewing angle, H: 170°, V: 170°
- Special light treatment of mask, viewing/shooting without color deviation at any angle

For the general floor display, when shooting at a large angle, the red or blue light will be partially occluded, causing the screen to be more cyan or red, as shown in the right column in the figure.  
UDF original processing technology adopted, no color cast viewing from any angle as shown in the left column of the figure.



### High frame rate

Frame rate range of 23.5~251Hz , frame insertion function is supported, realizing the output of multiple materials with different content in the same timeline and within the same scene.



### Film-level Refresh Rate

High gray scale  
**14bit/16bit**  
Exquisite and vivid picture

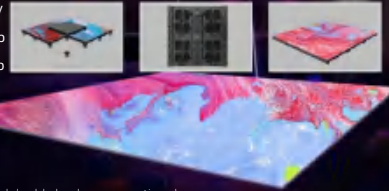
High-refresh rate  
**3840Hz/7680Hz**  
Ture to life, smooth with no ghosting effect



### Carefree Stability with 3 dual backup design

Two sets of independent power and signal supply systems integrated in one DISPLAY SCREEN, ensuring the safety progress of important activities.

Dual power supply  
+  
Dual power backup  
+  
Dual signal backup



Note: power and signal double backups are optional.

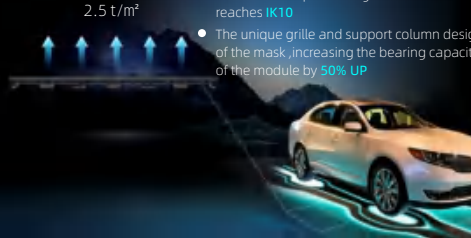
No Black screen

Wonderful display capability

Stable picture

### High load-bearing capacity up to 2.5 tons/m²

- 3 times of safety factor, bearing capacity up to **2.5T/m²**
- The surface impact strength of the module reaches **IK10**
- The unique grille and support column design of the mask, increasing the bearing capacity of the module by **50% UP**





### Dance free, noise free

Designed with shock-proof cushion, even dancing will not produce excessive noise.

Unique shock-proof and buffering design for noise reduction and shock absorption

### 3 Minutes Rapid Maintenance

#### Quick Maintenance

Front maintenance for the module, complete disassembly and assembly in 3 minutes

Each part of the cabinet can be replaced independently

#### Convenient Installation

Special frame installation, adjustable height of 0-20mm, Light frame and handy operation

### Enhanced Waterproof Ability

#### Cabinet external waterproofing

IP65 protection grade

#### Multiple waterproof ring design

Waterproof rubber rings in various places of the cabinet  
Enhanced waterproofing

#### Demister design inside the module

The lamp surface is treated with special process, no fogging inside the mask.

### Efficient Thermal Management

#### Conduct heat out of the display

##### Power box

Integrated Die-casting molding

##### Heat dissipation rib

Increase heat dissipation area

##### Ventilation valve

Balance the air pressure inside and outside the power box

### Unilumin XR Solution



1

Professional LED display



2

Display Control System

3

Camera and Camera Tracking System

4

Media Servers

5

Light System

6

Stream System



As a visual effects service provider for major political and cultural events in China, Unilumin provided **40%** of the exclusive customized screens for the 2022 Beijing Winter Olympics

- Dual Display Array  
Display content backup, 4 lamps as 1 pixel, quadruple safeguard without fear of any accidents
- Power & Data redundancy  
Double power & data system, ensure the whole process
- Exclusive Project Headquarters, **0** mistakes and **0** complaints during the event



# UpadIII H

## Safe and Fast

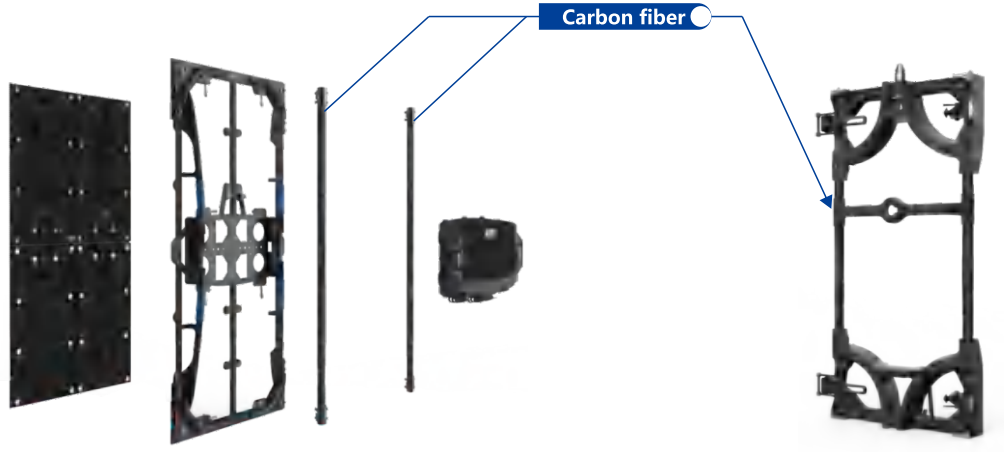
- Safe and reliable – made of carbon fiber & multiple security mechanisms (safety rope design, module safety lock design)
- Professional touring system – convenient & safe & fast for touring
- Convenient module design – quick installation, turnaround and maintenance
- HDR display technology – stunning visual experience
- Arc shape – creative installation achievable

Model	UpadIII H03	UpadIII H04	UpadIII H05	UpadIII H07
Pixel Pitch	3.9mm	4.8mm	5.9mm	7.8mm
Brightness	5,000 cd/m²	5,000 cd/m²	5,000 cd/m²	5,000 cd/m²
Pixel Density	65,536 pixels/m²	43,264 pixels/m²	28,224 pixels/m²	16,384 pixels/m²
Module Size (W×H)	250 × 500mm	250 × 500mm	250 × 500mm	250 × 500mm
Panel Size (W×H×D)	500 × 500 x 74.2mm/500 × 1,000 x 74.2mm	500 × 500 x 74.2mm/500 × 1,000 x 74.2mm	500 × 500 x 74.2mm/500 × 1,000 x 74.2mm	500 × 500 x 74.2mm/500 × 1,000 x 74.2mm
Panel Resolution	128 × 128 dots/128 × 256 dots	104 × 104 dots/104 × 208 dots	84 × 84 dots/84 × 168 dots	64 × 64 dots/64 × 128 dots
Panel Weight	6.3 kg/11 kg	6.3 kg/11 kg	6.3 kg/11 kg	6.3 kg/11 kg
Frame Weight	6.1 kg/9.5 kg	6.1 kg/9.5 kg	6.1 kg/9.5 kg	6.1 kg/9.5 kg
Material	Die-cast Magnesium & Carbon Fiber	Die-cast Magnesium & Carbon Fiber	Die-cast Magnesium & Carbon Fiber	Die-cast Magnesium & Carbon Fiber
Ingress Protection	IP65	IP65	IP65	IP65
Operating Temperature/Humidity	-20°C to 50°C/10% - 90% RH	-20°C to 50°C/10% - 90% RH	-20°C to 50°C/10% - 90% RH	-20°C to 50°C/10% - 90% RH
Maintenance	Rear	Rear	Rear	Rear
Curve (Convex - Concave)	-5° to 15°	-15° to 15°	-15° to 15°	-15° to 15°
Viewing Angle (H/V)	140°/120°	140°/120°	140°/120°	140°/120°
Contrast Ratio	3,000:1	4,000:1	5,000:1	6,000:1
Input Power/Panel (Ave.)	60 W/110 W	60 W/110 W	60 W/110 W	60 W/110 W
Refresh Rate	3,840 Hz	3,840 Hz	3,840 Hz	3,840 Hz
Input Voltage	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC
Input Power Frequency	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
Standard Mounting Configuration	Hanging, Stacking	Hanging, Stacking	Hanging, Stacking	Hanging, Stacking
Certification	TUV-CE/UL/FCC/CB/IC/RoHS	TUV-CE/UL/FCC/CB/IC/RoHS	TUV-CE/UL/FCC/CB/IC/RoHS	TUV-CE/UL/FCC/CB/IC/RoHS

Note: Specifications are for reference only and are subject to change without notice.

Stronger, 10 times safer

10 times safety factor calculation - High reliability



Using carbon fiber that is 10 times stronger than die-cast aluminum

## Professional touring system



Hanging beam

Frame

Dolly

Wind-resistant support pole



Quick Installation, Turnaround  
Professional touring system



Cut 2/3 of installation time  
compared to that without touring system.  
Strong and climbable wind-bracing system

Multiple safety protection  
3 security mechanisms---Stronger security



Safety rope design in power box--Better wind resistance



Module safety lock design--Prevent modules from  
dropping during maintenance



Module safety lock



Arc-shape -- Support Creative Way of Installation



-15°- +15° curve

High-precision Installation Locks of Die-casting



Locks of Die-casting



Tool-Free Quick Maintenance

Quick maintenance by tool-free design.  
Outdoor product reaches level of indoor standard

15 seconds to replace a module  
10 seconds to replace a central unit,  
help solve field issues significantly .

Single person maintenance



Central unit



Maintenance of entire panel

HDR Display Technology-- Dramatic Visual Effect



HDR (High Dynamic Range) Incredible brightness & chromaticity



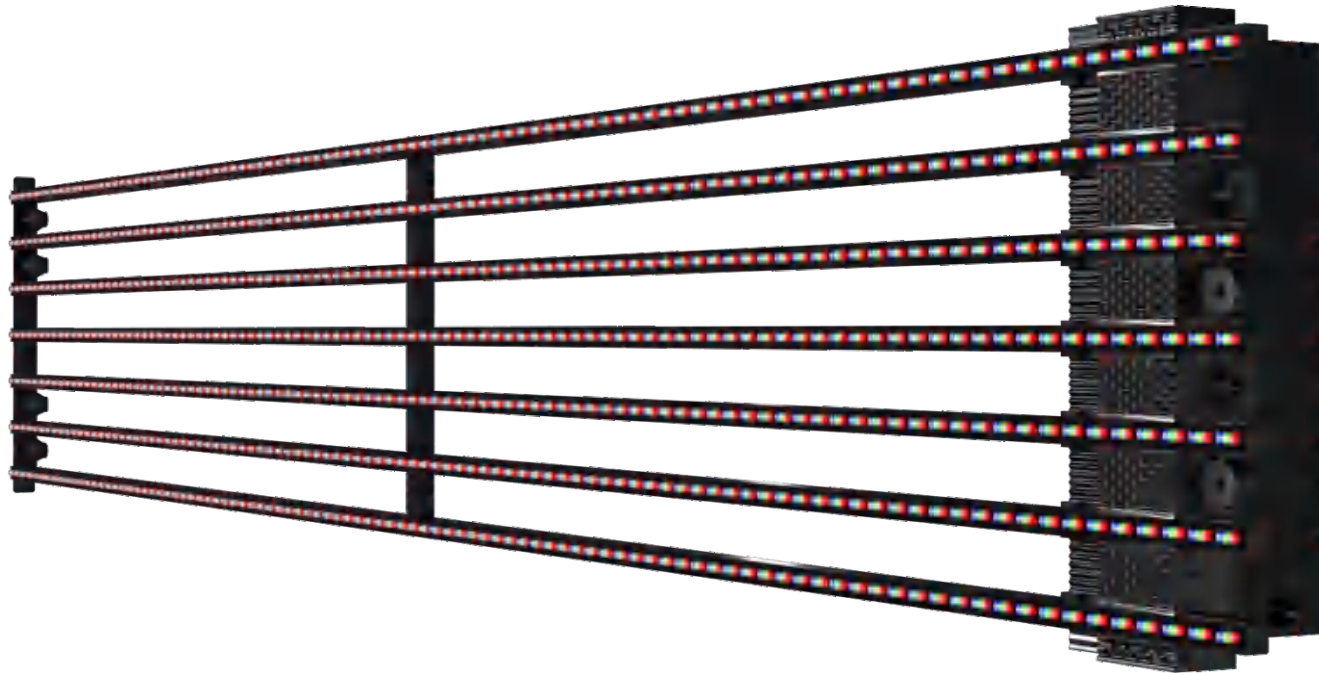
Ordinary display technology, overexposed effect, color distortion

Note: HDR display technology is only available on customized products

# LED Outdoor Display

O Series

- O-1625E
- O-2525E
- O-2536E
- O-1636E
- O-H2550E



## Product Features

- Integrated Module Design - built-in power and data processor for one-line connection and easy cable management
- High brightness & low power consumption - while maintaining high brightness of 7500-10000nit, the average power consumption is only 100-140 w/m²
- Front ventilation - front ventilation system has air intake and exhaust
- Convenient installation - free of steel frame structure, adapt to various types of buildings

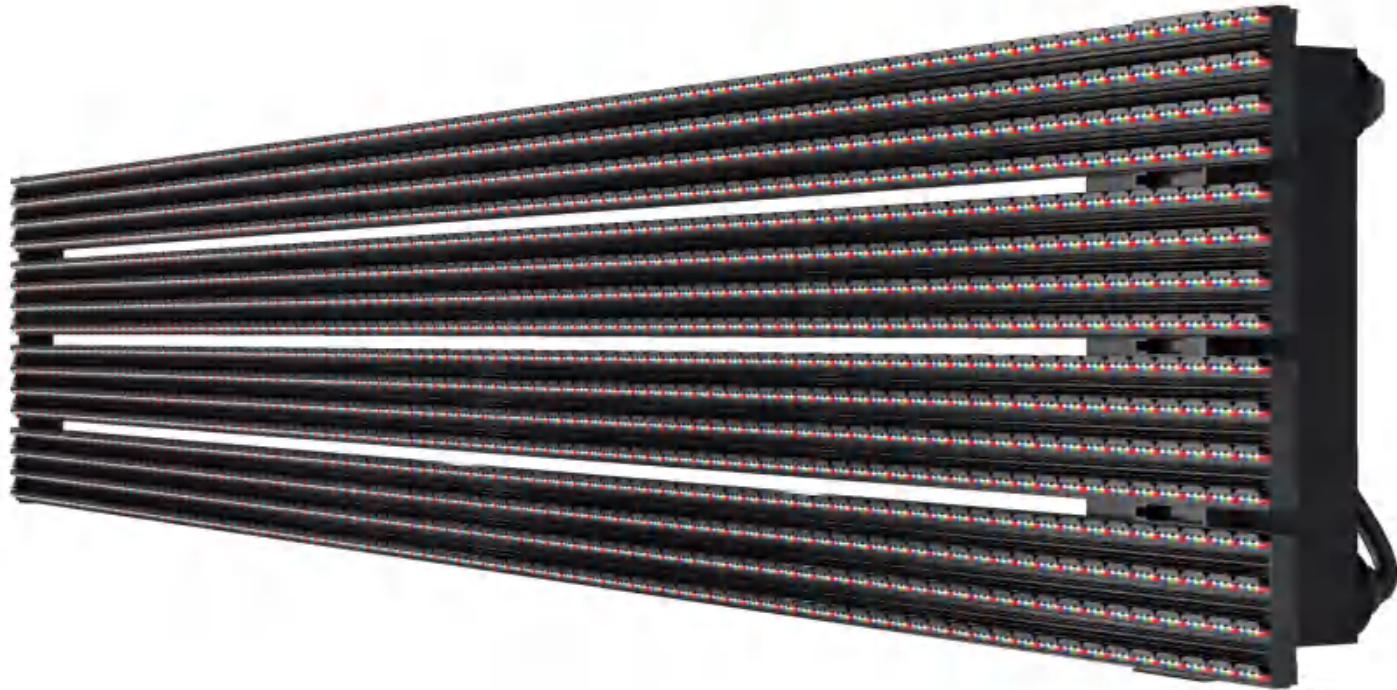
Model	O-1625E	O-1636E	O-2525E	O-2536E	O-H2550E
Pixel Pitch	25.6 mm/16mm	16mm/36.57mm	25mm/25.6mm	25 mm/36.57mm	25mm/51.2mm
Pixel Density	2,441 dots/m²	1,710 dots/m²	1,562 dots/m²	1,094 dots/m²	781 dots/m²
Brightness	8,000-10,000 cd/m²	8,000-10,000 cd/m²	7,500-11,000 cd/m²	6,500-10,000 cd/m²	10,000 cd/m²
Unit Size (Customizable)	256 x 1,536mm	256 x 1,536mm	256 x 1,600mm	256 x 1,600mm	256 x 1,600mm
Unit Resolution	10 x 96 dots	7 x 96 dots	10 x 64 dots	7 x 64 dots	5 x 64 dots
Material	Aluminum body, PC Mask	Aluminum body, PC Mask	Aluminum body, PC Mask	Aluminum body, PC Mask	Aluminum body, PC Mask
Transparency	60%	73%	60%	73%	72%
Weight	13.5 kg/m²	11 kg/m²	13.5 kg/m²	10.5 kg/m²	10.5 kg/m²
Installation	Front & Rear	Front & Rear	Front & Rear	Front & Rear	Front & Rear
Power Consumption (Max.)	330-465 W/m²	330-465 W/m²	330-465 W/m²	300-380 W/m²	375 W/m²
Ingress Protection	IP67	IP67	IP67	IP67	IP67
Input Voltage	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC
Refresh Rate	1,920-3,840 Hz	1,920-3,840 Hz	1,920-3,840 Hz	1,920-3,840 Hz	3,840 Hz
Operating Temperature/Humidity	-30°C to 60°C/10% - 90% RH	-30°C to 60°C/10% - 90% RH	-30°C to 60°C/10% - 90% RH	-30°C to 60°C/10% - 90% RH	-30°C to 60°C/10% - 90% RH



# LED Outdoor Display

T Series

T-16C  
T-H16C



## Product Features

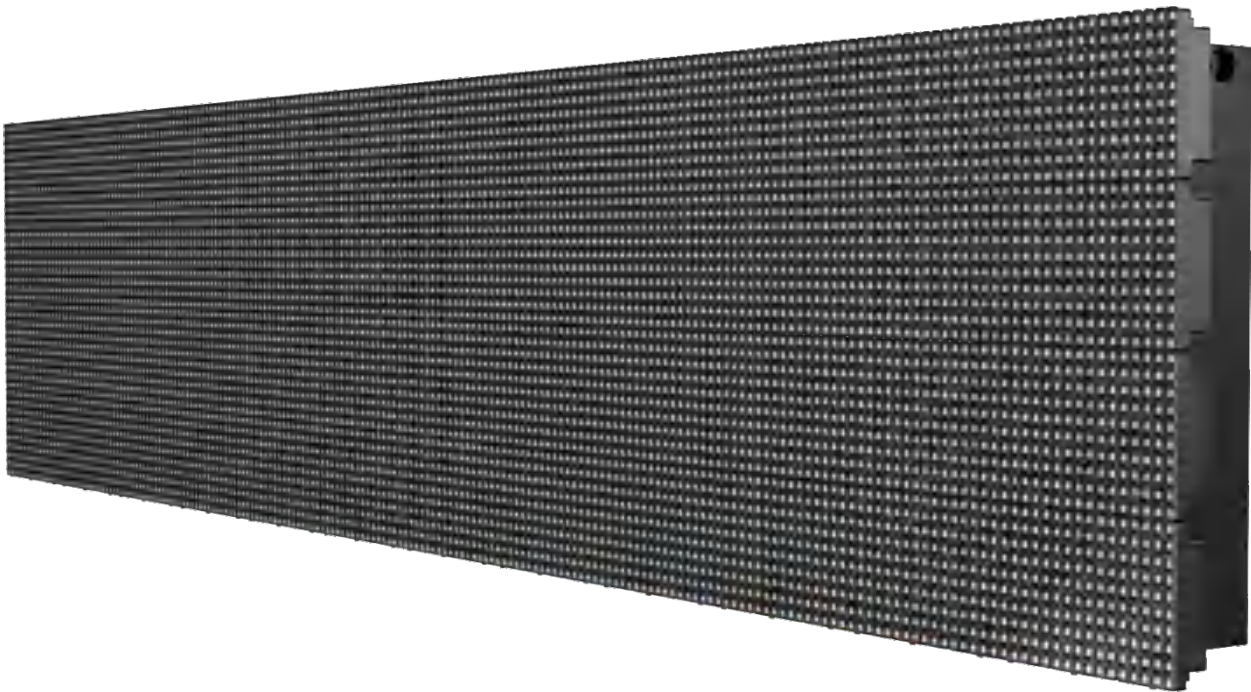
- Integrated Module Design – built-in power and data processor for one-line connection and easy cable management
- High brightness & low power consumption – while maintaining high brightness of 7500-10000nit, the average power consumption is only 100-140 w/m²
- Front ventilation – front ventilation system has air intake and exhaust
- Convenient installation – free of steel frame structure, adapt to various types of buildings

Model	T-16C	T-H16C
Pixel Pitch	16mm/16mm	16mm/16mm
Pixel Density	3,906 dots/m²	3,906 dots/m²
Brightness	7,500 cd/m²	12,000 cd/m²
Unit Size (Customizable)	1,536×256mm (Horizontal)/256×1,536mm (Vertical)	1,536×256mm (Horizontal)/256×1,536mm (Vertical)
Unit Resolution	96×16 dot (Horizontal)/16×96 dot (Vertical)	96×16 dot (Horizontal)/16×96 dot (Vertical)
Material	Aluminum body,PC Mask	Aluminum body,PC Mask
Transparency	15%	15%
Weight	20.8 kg/m²	20.8 kg/m²
Installation	Front & Rear	Front & Rear
Power Consumption (Max.)	440 W/m²	360 W/m²
Ingress Protection	IP67	IP67
Input Voltage	100 - 240 VAC	100 - 240 VAC
Refresh Rate	≥1,920 Hz	≥3,840 Hz
Operating Temperature/Humidity	-30°C to 60°C/10% - 90% RH	-30°C to 60°C/10% - 90% RH

# LED Outdoor Display

E Series

E-16C  
E-10C  
E-8C  
E-6C



## Product Features

- Integrated Module Design - built-in power and data processor for one-line connection and easy cable management
- High brightness & low power consumption - while maintaining high brightness of 7500-10000nit, the average power consumption is only 100-140 w/m<sup>2</sup>
- Front ventilation - front ventilation system has air intake and exhaust
- Convenient installation - free of steel frame structure, adapt to various types of buildings

Model	E-6C	E-8C	E-10C	E-16C
Pixel Pitch	6.4mm/6.875mm	8mm/8mm	10mm/10.66mm	16mm/16mm
Pixel Density	22,730 dots/m <sup>2</sup>	15,625 dots/m <sup>2</sup>	9,380 dots/m <sup>2</sup>	3,906 dots/m <sup>2</sup>
Brightness	5,000-6,500 cd/m <sup>2</sup>	5,000-6,500 cd/m <sup>2</sup>	5,000-6,500 cd/m <sup>2</sup>	5,000-6,500 cd/m <sup>2</sup>
Unit Size (Customizable)	256 x 1,320mm/256 x 1,210mm	256 x 1,408mm/256 x 1,280mm	256 x 1,440mm/256 x 1,280mm	256 x 1,536mm/256 x 1,280mm
Unit Resolution	40 x 176/192 dots	32 x 160/176 dots	24 x 128/144 dots	16 x 80/96 dots
Material	Aluminum body, PC Mask	Aluminum body, PC Mask	Aluminum body, PC Mask	Aluminum body, PC Mask
Weight	22.5 kg/m <sup>2</sup>	21 kg/m <sup>2</sup>	20 kg/m <sup>2</sup>	19 kg/m <sup>2</sup>
Installation	Front & Rear	Front & Rear	Front & Rear	Front & Rear
Power Consumption (Max.)	770-940 W/m <sup>2</sup>	770-940 W/m <sup>2</sup>	715-860 W/m <sup>2</sup>	715-875 W/m <sup>2</sup>
Ingress Protection	IP67	IP67	IP67	IP67
Input Voltage	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC
Refresh Rate	1,920-3,840 Hz	1,920-3,840 Hz	1,920-3,840 Hz	1,920-3,840 Hz
Operating Temperature/Humidity	-30°C to 60°C/10% - 90% RH	-30°C to 60°C/10% - 90% RH	-30°C to 60°C/10% - 90% RH	-30°C to 60°C/10% - 90% RH



# LED Outdoor Display

VT Series

VT-1031E  
VT-1525B  
VT-1531A  
VT-1531B  
VT-1550B



## Product Features

- High frame rate of 60Hz - fully meet all kinds of video playback requirements, the picture is smooth and no stuck
- High color rendition - adopt constant current drive and color temperature can be adjusted by software
- Energy saving design - reduce light pollution and energy consumption without affecting the display gray scale
- Circuit backup - circuit backup can be added to each channel signal and backup signal can be switched automatically when the signal is broken.

Model	VT-1031E	VT-1525B	VT-1531A	VT-1531B	VT-1550B
Pixel Pitch	31.25mm	25mm	31.25mm	31.25mm	50mm
Input Data	SPI Data	SPI Data	SPI Data	SPI Data	SPI Data
Material	Aluminum Body & PC Mask	Aluminum Body & PC Mask	Aluminum Body & PC Mask	Aluminum Body & PC Mask	Aluminum Body & PC Mask
Led Lamp	DIP (1R1G1B)	DIP (2R2G2B)	DIP (1R1G1B)	DIP (2R2G2B)	DIP (2R2G2B)
Unit Size (L×W×D)	1000mm-2,000mm × 10mm × 16mm	1000mm-3,000mm × 15mm × 36mm	1000mm-2,000mm × 15mm × 28mm	1000mm-2,000mm × 15mm × 36mm	1000mm-3000mm × 15mm × 36mm
Strip Permutation	Horizontal   Vertical	Horizontal   Vertical	Horizontal   Vertical	Horizontal   Vertical	Horizontal   Vertical
Brightness	6 (cd/dot)	12 (cd/dot)	6 (cd/dot)	12 (cd/dot)	12 (cd/dot)
Drive Mode	Constant Current, PWM	Constant Current, PWM	Constant Current, PWM	Constant Current, PWM	Constant Current, PWM
Input Voltage	48 V	48 V	48 V	48 V	48 V
Power Consumption (Max.)	10 W/m	17.5 W/m	10.5 W/m	14 W/m	9 W/m
Weight	0.4 kg/m	0.6 kg/m	0.65 kg/m	0.7 kg/m	0.75 kg/m
Protection	IP67	IP67	IP67	IP67	IP67
Grey Scale	RGB 65536 (3×16bit)	RGB 65536 (3×16bit)	RGB 65536 (3×16bit)	RGB 65536 (3×16bit)	RGB 65536 (3×16bit)
Refresh Rate	3,840 Hz	3,840 Hz	3,840 Hz	3,840 Hz	3,840 Hz
Frame Rate	≥60 Hz	≥60 Hz	≥60 Hz	≥60 Hz	≥60 Hz
Environmental	-30°C to +60°C/ 10%-90%RH	-30°C to +60°C/ 10%-90%RH	-30°C to +60°C/ 10%-90%RH	-30°C to +60°C/ 10%-90%RH	-30°C to +60°C/ 10%-90%RH



# UsurfaceIII

Pioneering SMD 10,000nit Outdoor LED Screen

- Super brightness – SMD 10,000 nits
- High contrast ratio – better viewing effect with less sunlight reflecting on the surface
- Wider viewing angle – realize large-scale visibility
- Front or rear maintenance

Model	UsurfaceIII6	UsurfaceIII8	UsurfaceIII10	UsurfaceIII16 *
Pixel Pitch	6.67mm	8.33mm	10mm	16.67mm
Pixel Density	22,500 dots/m²	14,400 dots/m²	10,000 dots/m²	3,600 dots/m²
Panel Resolution	120 x 135 dots	96 x 108 dots	80 x 90 dots	48 x 54 dots
Panel Size (W x H x D)	800 x 900 x 96mm	800 x 900 x 96mm	800 x 900 x 96mm	800 x 900 x 96mm
Material	Profile Aluminum	Profile Aluminum	Profile Aluminum	Profile Aluminum
Brightness	6,500 - 10,000 cd/m²	6,500 - 10,000 cd/m²	6,500 - 10,000 cd/m²	6,500 - 10,000 cd/m²
Color Temperature	2,000 - 9,500 K Adjustable	2,000 - 9,500 K Adjustable	2,000 - 9,500 K Adjustable	2,000 - 9,500 K Adjustable
Viewing Angle (H/V)	140°/120°	140°/120°	120°/50°	120°/50°
Panel Weight (Front/Rear)	21kg/18.5kg	21kg/18.5kg	21kg/18.5kg	21kg/18.5kg
Contrast Ratio	(5,500-9,000):1	(5,500-9,000):1	(8,000-16,000):1	(8,000-16,000):1
Service Access	Front/Rear/Front&Rear	Front/Rear/Front&Rear	Front/Rear/Front&Rear	Front/Rear
Input Power (Max.)	650 - 800 W/m²	650 - 800 W/m²	650 - 800 W/m²	650 - 800 W/m²
Input Power (Ave.)	217 - 267 W/m²	217 - 267 W/m²	217 - 267 W/m²	217 - 267 W/m²
Ingress Protection	IP65/IP65; IP65/IP54	IP65/IP65; IP65/IP54	IP65/IP65; IP65/IP54	IP65/IP65; IP65/IP54
Input Voltage	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC
Refresh Rate	3,840 Hz	3,840 Hz	3,840 Hz	3,840 Hz
Operating Temperature/Humidity	-20°C to 50°C/10% - 90% RH	-20°C to 50°C/10% - 90% RH	-20°C to 50°C/10% - 90% RH	-20°C to 50°C/10% - 90% RH
Storage Temperature/Humidity	-30°C to 60°C/10% - 80% RH	-30°C to 60°C/10% - 80% RH	-30°C to 60°C/10% - 80% RH	-30°C to 60°C/10% - 80% RH
Certification	CE, FCC, UL, CB	CE, FCC, UL, CB	CE, FCC, UL, CB	CE, FCC, UL, CB

\* UsurfaceIII16 has only screw version, no knob version

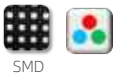
Super Brightness by SMD 10000nits



Super Brightness by SMD 10000nits



UsurfaceIII - Incredible Image



Better blending effect in color by closely arranged chips in one SMD lamp

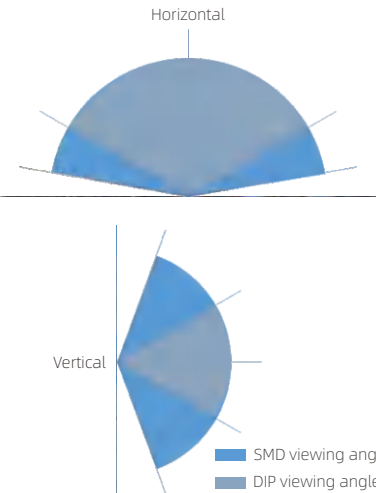


Others - Less Satisfying Image



Less satisfying blending effect in color by individual light-emitting chips in DIP lamps

Wider Viewing Angle



Compared with average DIP LED panels, SMD based UsurfaceIII enables bigger exposure thanks to larger viewing angle

Excellent Outdoor Performance



Hollowed-out design, efficient heat dissipation



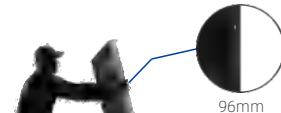
IP65/IP54, powerful waterproof ability

Front & Rear Maintenance



Front & rear maintenance makes much easier operation in different applications.

Cost Saving



18.5kg/panel

UsurfaceIII - Easy installation by one engineer.



Others - Installation requires at least two engineers.





# Uslim-0

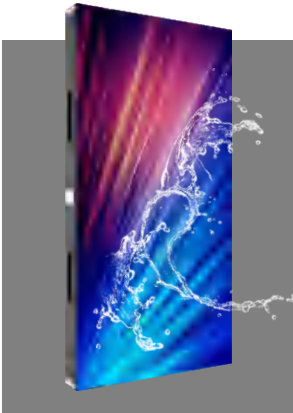
## Outdoor Fine Pitch LED Signage Solution

- Good heat dissipation – -5°C lower than average
- Excellent stability and waterproof performance
- Fully front maintenance

Model	Uslim-O2	Uslim-O3	Uslim-O4	Uslim-O5
Pixel Pitch	2.5mm	3.9mm	4.8mm	5.9mm
Pixel Density	160,000 dots/m²	65,536 dots/m²	43,264 dots/m²	28,224 dots/m²
Panel Resolution	200 x 400 dots/200 x 200 dots	128 x 256 dots/128 x 128 dots	104 x 208 dots/104 x 104 dots	84 x 168 dots/84 x 84 dots
Panel Size (W x H x D)	500 x 1,000 x 85.2mm/500 x 500 x 85.1mm	500 x 1,000 x 86mm/500 x 500 x 86mm	500 x 1,000 x 86mm/500 x 500 x 86mm	500 x 1,000 x 86mm/500 x 500 x 86mm
Material	Profile Aluminum	Profile Aluminum	Profile Aluminum	Profile Aluminum
Brightness	4,500 - 5,500 cd/m²	4,500 - 5,500 cd/m²	4,500 - 5,500 cd/m²	5,000 - 6,000 cd/m²
Color Temperature	2,000 - 9,500 K Adjustable	2,000 - 9,500 K Adjustable	2,000 - 9,500 K Adjustable	2,000 - 9,500 K Adjustable
Viewing Angle (H/V)	140°/120°	140°/120°	140°/120°	140°/120°
Panel Weight	16.5kg   8.3kg	15.5kg   7.8kg	16kg   8.5kg	16kg   8.6kg
Contrast Ratio	3,500 : 1	3,500:1 - 4,000:1	3,500:1 - 4,000:1	3,500:1 - 4,000:1
Service Access	Front	Front	Front	Front
Input Power (Max.)	720 W/m²	600 - 670 W/m²	600 - 670 W/m²	550 - 680 W/m²
Input Power (Ave.)	240 W/m²	200 - 224 W/m²	200 - 224 W/m²	183 - 227 W/m²
Ingress Protection	Front IP65/ Rear IP54	Front IP66/ Rear IP65	Front IP66/ Rear IP65	Front IP66/ Rear IP65
Input Voltage	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC
Refresh Rate	3,840 Hz	3,840 Hz	3,840 Hz	3,840 Hz
Operating Temperature/Humidity	-20°C to 50°C/10% - 90% RH	-20°C to 50°C/10% - 90% RH	-20°C to 50°C/10% - 90% RH	-20°C to 50°C/10% - 90% RH
Storage Temperature/Humidity	-30°C to 60°C/10% - 80% RH	-30°C to 60°C/10% - 80% RH	-30°C to 60°C/10% - 80% RH	-30°C to 60°C/10% - 80% RH
Certification	CE, FCC, UL, FCC	CE, FCC, UL, FCC	CE, FCC, UL, FCC	CE, FCC, FCC

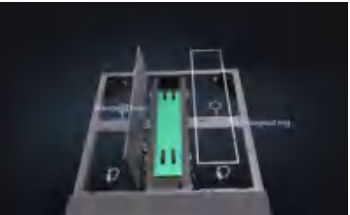
Excellent Waterproof performance with customized waterproof ring

Cabinet Waterproof Level: IP65



Cabinet waterproof level :

IP66 for Front and IP65 for rear

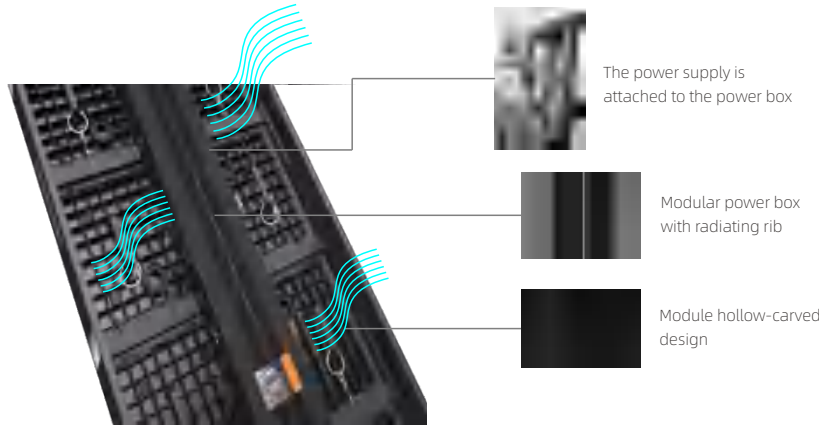


Customized waterproof ring



Completely closed design of cabinet backside

More durable with excellent heat dissipation performance



The power supply is attached to the power box

Modular power box with radiating rib

Module hollow-carved design

User-friendly with easy maintenance & fully front maintenance

Easy Maintenance



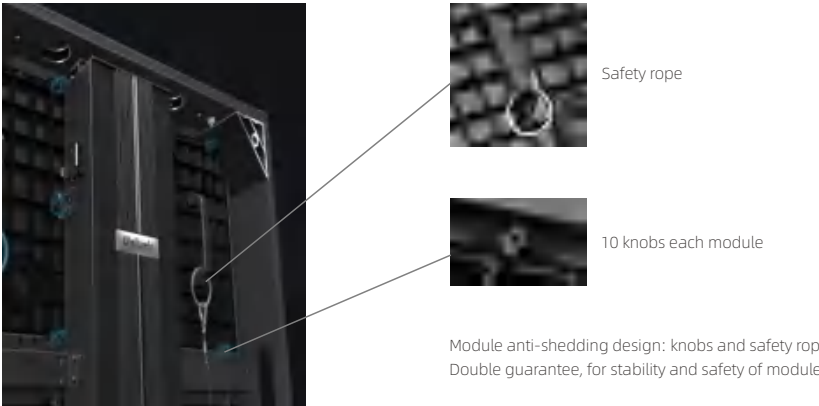
500mm\*250mm module with no screws enables 15 seconds assembly or disassembly

Space Saving



Fully front maintenance design, no need reserve maintenance channels, greatly saving installation space.

Super safe with anti-shedding design



Safety rope

10 knobs each module

Module anti-shedding design: knobs and safety rope. Double guarantee, for stability and safety of modules.



# Ustorm III

Leading in 3H OOH Advertising Era

- High visibility with leading brightness 13,000nits
- High ROI, saving energy by 25%
- High protection, durable in all-weather
- Convenient design & utility

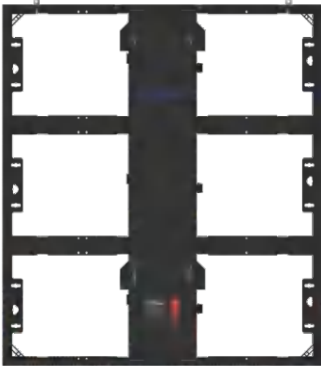
Model	UstormIII10	UstormIII16
Pixel Pitch	10mm	16.67mm
Pixel Density	10,000 dots/m <sup>2</sup>	3,600 dots/m <sup>2</sup>
Panel Resolution	80 x 90 dots	48 x 54 dots
Panel Size (W x H x D) (Front/Rear)	800mm x 900mm x 101 mm	800mm x 900mm x 101 mm
Material	Profile Aluminum	Profile Aluminum
Brightness	8,000 cd/m <sup>2</sup>   10,000 cd/m <sup>2</sup>   13,000 cd/m <sup>2</sup>	8,000 cd/m <sup>2</sup>   10,000 cd/m <sup>2</sup>   13,000 cd/m <sup>2</sup>
Color Temperature	2,000 - 9,500K Adjustable	2,000 - 9,500K Adjustable
Viewing Angle (H/V)	100°/40°	100°/40°
Panel Weight (Front/Rear)	23.4 kg	23.4 kg
Contrast Ratio	9,000:1   12,000:1   15,000:1	9,000:1   12,000:1   15,000:1
Service Access	Front/Rear/Front & Rear	Front/Rear/Front & Rear
Input Power (Max.)	300W   333W   400W	300W   333W   400W
Input Power (Ave.)	100W   111W   133W	100W   111W   133W
Ingress Protection	IP65/IP65; IP65/IP54	IP65/IP65; IP65/IP54
Input Voltage	100 - 240 VAC	100 - 240 VAC
Refresh Rate	3,840 Hz	3,840 Hz
Operating Temperature/Humidity	-20°C to 50°C/10% - 90% RH	-20°C to 50°C/10% - 90% RH
Storage Temperature/Humidity	-30°C to 60°C/10% - 80% RH	-30°C to 60°C/10% - 80% RH
Certification	CE, CB, UKCA	CE, CB, UKCA

Industry Leading Brightness 13,000nits



- High brightness up to 13,000nits, visible for a wide range of audience under strong direct sunlight
- Long product life, after working at its highest brightness for 3 years, UstormIII will still maintain a high level of brightness above 8000nits which is as good as any newly installed screen of others.

Superior Image Uniformity Regardless of Time

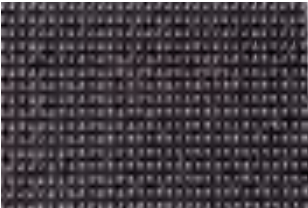


UstormIII modules use a hollow bottom frame for natural heat dissipation. As a result, the visual performance of the modules is not affected by high temperature, ensuring color uniformity and consistency of the display.

State-of-the-art Impactful Colors



UstormIII



Others

Unprecedented contrast ratio of 12000:1, presents brilliant colors, impactful dynamic message, highly effective for campaigns that require rapid consumer attention.



High ROI Saving Energy by 25% Compared to other DIP products Unilumin's UstormIII saves energy by 25%, leading to lower operational costs and higher ROI.

Item	Pixel pitch (mm)	Brightness (nits)	Max power consumption (w/m²)	Average power consumption (w/m²)
UstormIII	P16	8000	300	100
	P16	10000	333	111
	P16	13000	400	133



5,000 Hours Mean Time Between Failures



UstormIII

Industry-leading technology endows UstormIII with an average of 5000 hours of continuous and trouble-free operation, fully guaranteeing the efficient delivery of advertisements, ensuring the real-time transmission of information, and creating unlimited value for advertisements with full firepower.

Easy Handling Maintenance

Every step of the maintenance has been simplified for easy and fast operation purpose.

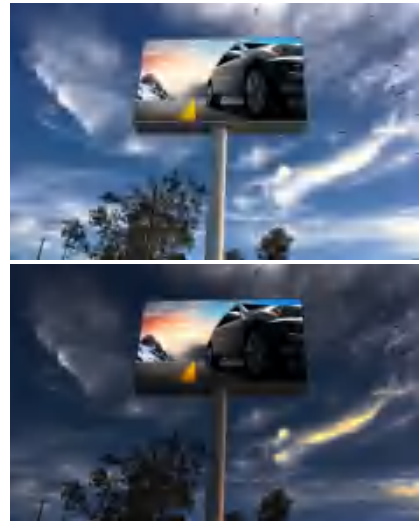
Modular power box is convenient for front maintenance which allows removing faulty power supply without removing all modules.



Modules supports front and rear maintenance.



Smart Brightness, Always Stunning Image



The screen brightness automatically adopts to the sunlight condition in outdoor environment, so as to achieve good display effect and reduce the power consumption of the screen.

All Weather Durability

IP65 water proof module with excellent protection to withstand extreme weather conditions.



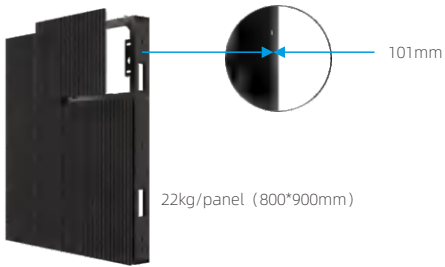
Easy Installation



Supports different installation methods  
Front/Rear/Front and Rear

Light and Slim

Weight is only 22kg and thickness is 96mm, requiring less installation structure and maintenance space.

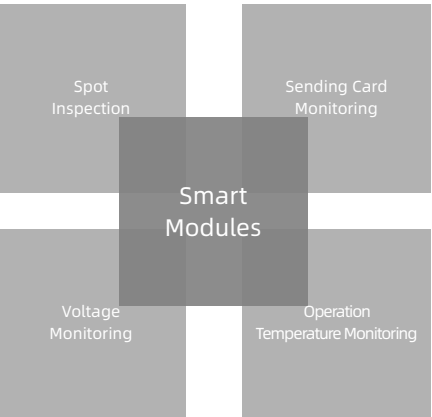


More cabinets fit in the same container then before



Smart Module, Safe Application

Smart modules to monitor operation environment and detects any failure in real time, ensuring screen safety and reliability.



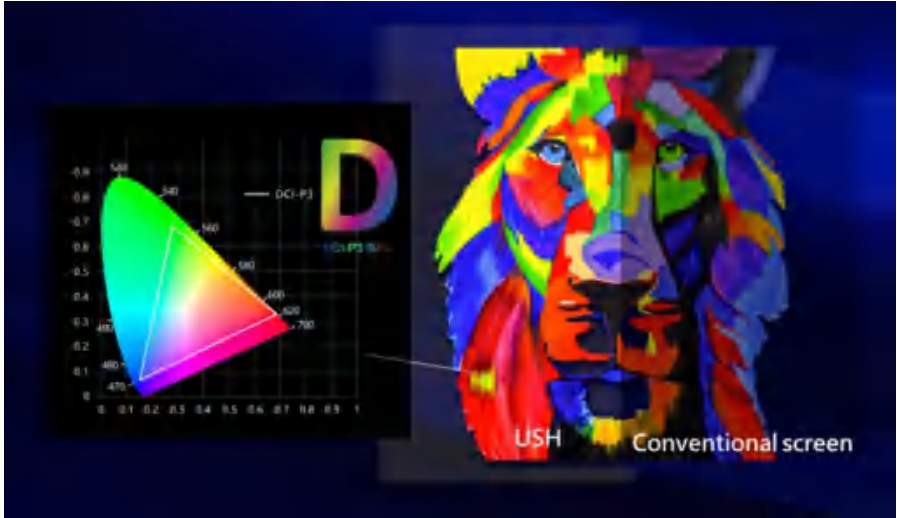


# USH

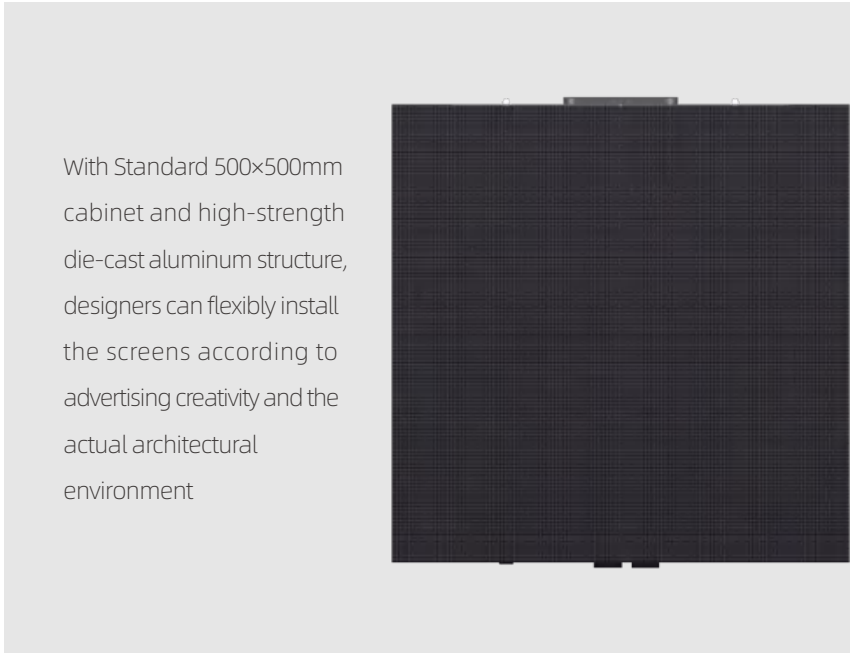
The HD Outdoor Display for High-end Business Districts

- Perfect visual experience with high density and HDR display
- Flexible design perfectly integrated with surroundings to achieve more creativity and higher value for advertising
- Ultra-high IP69K protection for any weather and harmful outdoor environments
- Extreme stability with persistent operation by enclosed die-casting and heat dissipation ribs design

Model	USH 2.5	USH 2.8
Pixel Pitch	2.5mm	2.8mm
Pixel Density	160,000 dots/m <sup>2</sup>	128,164 dots/m <sup>2</sup>
Panel Resolution	200 x 200 dots	179 x 179 dots
Panel Size (W x H x D)	500mm x 500mm x 82 mm	500mm x 500mm x 82 mm
Material	Die-cast Aluminum	Die-cast Aluminum
Brightness	6,000 cd/m <sup>2</sup>	6,000 cd/m <sup>2</sup>
Color Temperature	2,000 - 9,500K Adjustable	2,000 - 9,500K Adjustable
Viewing Angle (H/V)	140°/120°	140°/120°
Panel Weight	51 kg/ m <sup>2</sup>	51 kg/ m <sup>2</sup>
Cabinet Weight	12.5kg/panel	12.5kg/panel
Contrast Ratio	4,500:1	4,500:1
Service Access	Front & Rear	Front & Rear
Input Power/Panel (Max.)	630	630
Input Power/Panel (Ave.)	210	210
Input Voltage	100 - 240 VAC	100 - 240 VAC
Refresh Rate	4,800 Hz	4,800 Hz
Operating Temperature/Humidity	-20°C to 50°C/10% - 90% RH	-20°C to 50°C/10% - 90% RH
Storage Temperature/Humidity	-40°C to 60°C/10% - 95% RH	-40°C to 60°C/10% - 95% RH
Certification	UL, FCC, IC, CE, CB, UKCA, ROHS, RCM, KC	UL, FCC, IC, CE, CB, UKCA, ROHS, RCM, KC



High Quality Visual Experience With a DCI-P3 color gamut satisfaction degree exceeding 90%, excellently restore the natural color.



With Standard 500×500mm cabinet and high-strength die-cast aluminum structure, designers can flexibly install the screens according to advertising creativity and the actual architectural environment







HDR Display With Exquisite Picture Effect , ensures a clear display without smearing and a comfortable advertising experience.

Strong anti-interference ability with full screen  
EMC Class A, which comply with European EMC  
electromagnetic compatibility specifications.



EMC class B for tile , the ultimate “clean”

USH has IP69K super high protection  
performance which is more stringent  
than the conventional outdoor IP65  
rating test.

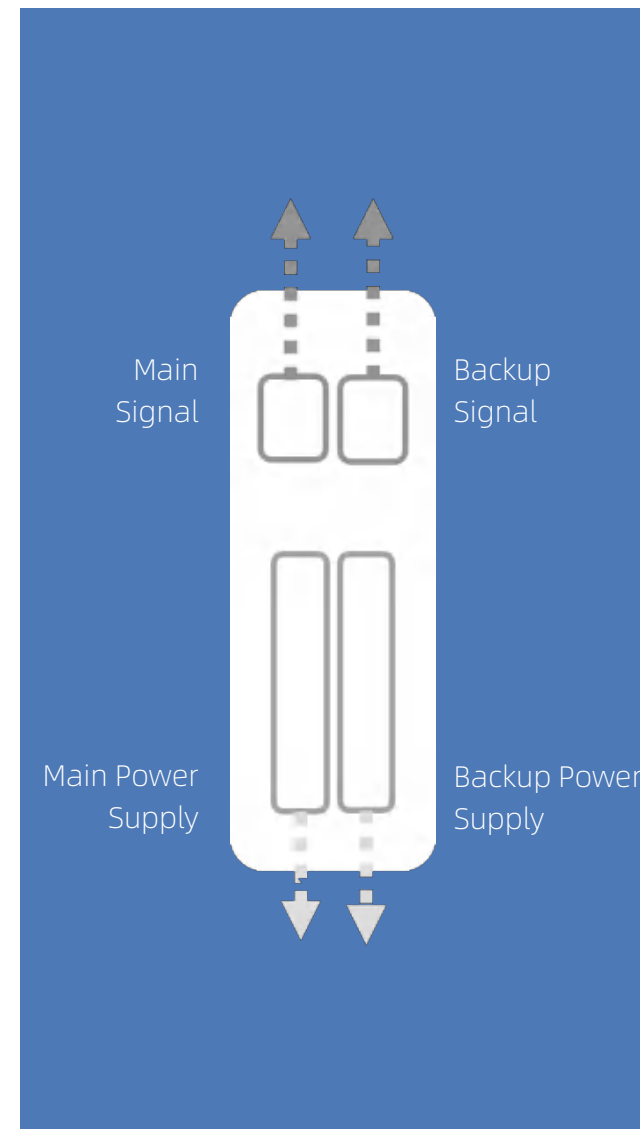


Optional dual backup of power  
and signal perfectly solved the  
problem of black screen  
caused by a fault in high-end  
commercial display.



- Dual backup of power and signal  
is supported, bringing double  
guarantee for display stability;

- The problem of black screen  
caused by fault in high-end  
commercial display is solved  
perfectly.





# USK

Natural Image, Stable Operation

- Best-in-class visual experience with high brightness, contrast ratio, and refresh rate
- Carefree operation with comprehensive protection designs and high stability
- High flexibility with no limited shapes to get more business opportunities
- latest DVPS technology ensures up to 40% energy-saving cost and low carbon emission
- EMC Class B design for no electromagnetic interference to other devices or affected by others

Model	USK 2.6	USK 2.9	USK 3.9	USK 4.8	USK 5.9
Pixel Pitch	2.6mm	2.9mm	3.9mm	4.8mm	5.9mm
Pixel Density	147456 pixels/m²	112896 pixels/m²	65536 pixels/m²	43264 pixels/m²	28224 pixels/m²
Pixels Per module	96 x 96 dots	84 x 84 dots	64 x 64 dots	52 x 52 dots	42 x 42 dots
Panel Size (W × H × D)	W500mm × H1000mm × D78mm	W500mm × H1000mm × D78mm	W500mm × H1000mm × D78mm	W500mm × H1000mm × D78mm	W500mm × H1000mm × D78mm
Material	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum
Brightness	6,000 cd/m²	6,000 cd/m²	6,000 cd/m²	6,000 cd/m²	6,000 cd/m²
Color Temperature	2,000 - 9,500K Adjustable	2,000 - 9,500K Adjustable	2,000 - 9,500K Adjustable	2,000 - 9,500K Adjustable	2,000 - 9,500K Adjustable
Viewing Angle (H/V)	160°/140°	160°/140°	160°/160°	160°/140°	160°/140°
Panel Weight	34kg/m²	34kg/m²	34kg/m²	34kg/m²	34kg/m²
Processing Depth	14 bit	14 bit	14 bit	14 bit	14 bit
Contrast Ratio	4000:1	4000:1	5000:1	6000:1	6000:1
Maintenance	Front & Rear	Front & Rear	Front & Rear	Front & Rear	Front & Rear
Input Power/Panel (Max.)	650W/ m²	650W/ m²	650W/ m² / 580W/ m²	580W/ m²	580W/ m²
Input Power/Panel (Ave.)	217W/ m²	217W/ m²	217W/ m² / 193W/ m²	193W/ m²	193W/ m²
Input Voltage	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC
Refresh Rate	3840 Hz	3840 Hz	7680 Hz / 3840 Hz	7680 Hz	7680 Hz
Operating Temperature/Humidity	-20°C to 50°C/10% - 90% RH	-20°C to 50°C/10% - 90% RH	-20°C to 50°C/10% - 90% RH	-20°C to 50°C/10% - 90% RH	-20°C to 50°C/10% - 90% RH
Storage Temperature/Humidity	-30°C to 60°C/10% - 80% RH	-30°C to 60°C/10% - 80% RH	-30°C to 60°C/10% - 80% RH	-30°C to 60°C/10% - 80% RH	-30°C to 60°C/10% - 80% RH

Darker! Brighter!



Regular P3.9 SMD1921  
contrast ratio 4500:1

**USK P3.9 SMD1415**  
**contrast ratio 6500: 1**

With a higher contrast ratio and brightness, USK can present a stunning visual experience and the advertisements will be more eye-catching.

- 6000 nits brightness
- 6500:1 contrast ratio
- 2.6/2.9/3.9/4.8/5.9 available

Ultra-wide Viewing Angle



Ultra-wide viewing angle 160°/140°, bringing all-round advertising to media clients and improving user perception

Ultra Clear Image with 7680 Refresh Rate



USK support 7680Hz refresh rate, ensuring a more realistic and smoother visual experience with no ghosting and visible scan-lines

Keep the Ads Perfectly Rendered at Any Time

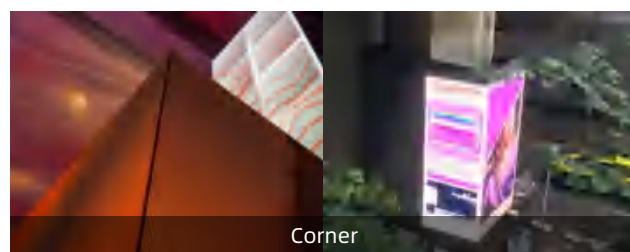
Day mode

Night mode

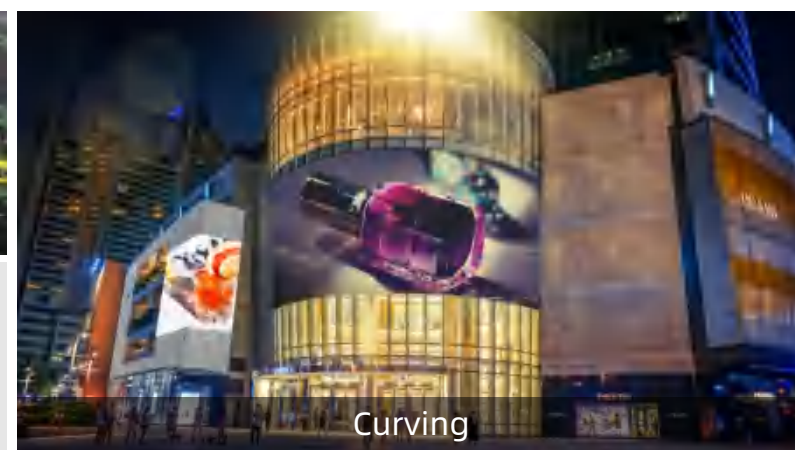
- Day and night dual program to ensure that the grayscale will not be lost when the brightness is reduced at night
- Mode switching is easily achieved in one second
- The timing switch function is under development\*



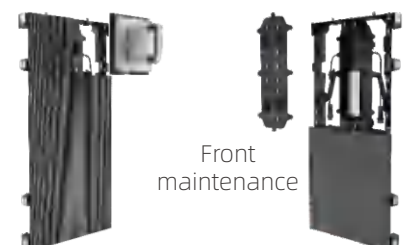
## Creative Installation



The cabinet has a 45° design, which can easily match the needs of different scenarios.



## Hassle-free Front &amp; Rear Maintenance



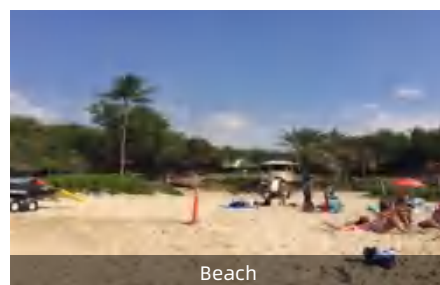
Front maintenance



Rear maintenance

USK supports front & rear installation and maintenance, flexible installation and use.

## Die-cast Aluminum Cabinet, Unaffected by Salt Spray



Beach



Nearby the sea



- Die-cast aluminum housing
- Surface spraying processing
- Electrophoresis processing



Adopt reliable die-casting aluminum housing and multiple special processing, USK can easily meet the protection needs of coastal areas, beaches, swimming pools, etc., without fear of salt spray environment erosion.

## Efficient Heat Dissipation Design



Rear cover size is 50% larger than regular products

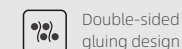


Avoiding direct sunlight

With innovative heat dissipation designs, USK can effectively reduce external environmental and internal thermal effects to keep it **operating at normal temperatures.**



Large rear cover



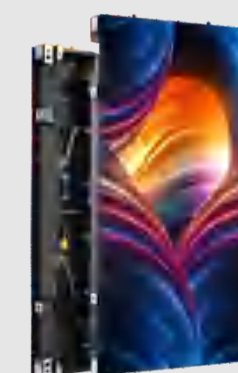
Double-sided gluing design



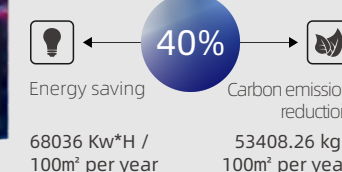
Sunshade design

## DVPS Energy-saving Technology

Compared to conventional 5V power supplies\*



Equipped with the latest **DVPS energy-saving technology**, USK consumes less electricity and produces fewer carbon emissions than conventional 5V power supplies, ensuring a higher return on investment for customers and outdoor media.



\*Test standard: 3.9 pitch, 100m2, 12H/day, continuous operation for 365 days.  
\*Compared with conventional 4.2V power supplies, the power consumption is reduced by 16%

## IP69K Protection — Superior Waterproof Performance



## IP69K Test\*

Water temperature: 80°C±5°C

Water spray distance: 10~15cm

Water pressure: 80~100 bar

Water spraying angle: 0°, 30°, 60°, 90°

Water flow rate: 14~16L/min

Water spraying time: 30 seconds per angle

\*Test standard: hot vapour washout test as defined in EN 60529 and DIN 40050-9.

## EMC Class B Design



Based on the excellent circuit design, USK can meet the electromagnetic requirements of **EMC Class B for a single cabinet**. USK can not only operate without causing electromagnetic interference to other equipment in its environment but also can not be adversely affected by other devices.



## Power &amp; Data Redundancy\*



The ample internal space allows USK to support power & data redundancy so that USK can maintain ultra-stable operations.

\*Optional

## Remote Monitoring of LED Screen Status\*



- Smoke Monitoring
- Module Signal Monitoring
- Module Voltage Monitoring
- Spot Detection Function
- Humidity Monitoring
- Module Temperature Monitoring

\*Optional





# UfixII

- 6,000nits brightness and 3,840Hz refresh rate for high-quality visual experience
- Present richer colors and excellent image with 7,000:1 contrast
- Universal module design to upgrade screens easier
- Ensure high stability and display flatness by die-cast aluminum cabinet
- Friendly handle design for more convenient and safer installation
- Trouble-free operation even in extremely harsh environments with IP65/IP54 protection

LED Type	SMD1921	SMD1921	SMD2727	SMD2727	SMD2727
Pixel Pitch	4mm	5mm	6.67mm	8mm	10mm
Pixel Density	62,500 dots/m²	40,000 dots/m²	22,500 dots/m²	15,625 dots/m²	10,000 dots/m²
Panel Resolution	240 x 240 dots	192 x 192 dots	144 x 144 dots	120 x 120 dots	96 x 96 dots
Panel Size (W x H x D)	960mm x 960mm x 111 mm	960mm x 960mm x 111 mm	960mm x 960mm x 111 mm	960mm x 960mm x 111 mm	960mm x 960mm x 111 mm
Material	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum
Brightness	5,500 cd/m²	5,000 cd/m²	6,000 cd/m²	6,000 cd/m²	6,000 cd/m²
Color Grayscale (Bit)	14	14	14	14	14
Viewing Angle (H/V)	140°/120°	140°/120°	140°/120°	140°/120°	140°/120°
Cabinet Weight	32.8kg/m²	32.8kg/m²	32.8kg/m²	32.8kg/m²	32.8kg/m²
Contrast Ratio	6,000:1	6,000:1	7,000:1	7,500:1	8,000:1
Service Access	Rear	Rear	Rear	Rear	Rear
Input Power/Panel (Max.)	750	750	750	750	750
Input Power/Panel (Ave.)	250	250	250	250	250
Input Voltage	200-240V AC	200-240V AC	200-240V AC	200-240V AC	200-240V AC
Refresh Rate	≥3,840 Hz	≥3,840 Hz	≥3,840 Hz	≥3,840 Hz	≥3,840 Hz
Operating Temperature/Humidity	-20°C to 50°C/10%-90% RH	-20°C to 50°C/10%-90% RH	-20°C to 50°C/10%-90% RH	-20°C to 50°C/10%-90% RH	-20°C to 50°C/10%-90% RH
Storage Temperature/Humidity	-30°C to 60°C/10%-95% RH	-30°C to 60°C/10%-95% RH	-30°C to 60°C/10%-95% RH	-30°C to 60°C/10%-95% RH	-30°C to 60°C/10%-95% RH
Cabinet Installation	Fixed	Fixed	Fixed	Fixed	Fixed

6000nits brightness & 3,840Hz refresh rate



- With high brightness of 5500-6000nits, display can easily be visible even in direct sunlight.
- High refresh rate of 3840Hz, no trailing, no frame flickering even when playing fast-moving contents.

Grayscale 14bit , more detailed transition details



UfixII standard with 14bit, which can display up to 16384 colors.

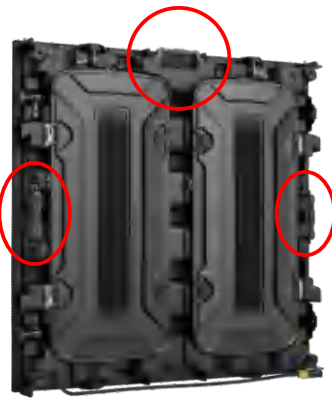
IP65/IP54 Super Protective Performance



IP65 rating - fully enclosed design

Guarantees completely safety and very satisfactory dust prevention, waterproofness and corrosion resistance. Trouble-free operation even in extremely harsh environments.

Friendly handles design, Easy to move



Friendly handle design, including left side + right side + upper side, makes handling easier and safer during installation.

High Strength Die-cast Aluminum Cabinet



Cabinet dimension: 960mm\*960mm

- High strength die casting aluminium alloy cabinet, to ensure high strength of product and excellent flatness of screen as well.
- Modern design, with only 32.8kg/m2, saving both labor costs and installation structure.

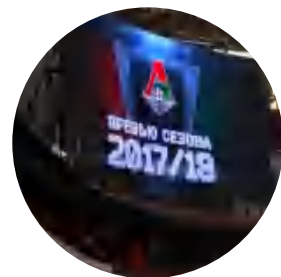
Customizable to Fit right angle or curved projects



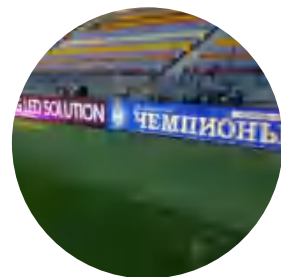


## Integrated Outdoor Solution

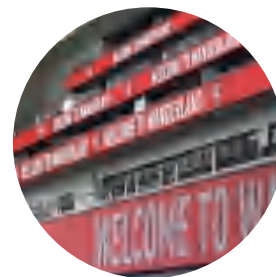
For outdoor solution, Unilumin Sports integrates audio equipment and control systems with LED display equipment. This turnkey solution is equipped with the highest standards in live broadcasting, message displays, slow-motion playback, fans interactive games and social media integration, improving gaming experience and engagement.



**OUTDOOR  
ADVERTISING  
SYSTEM**



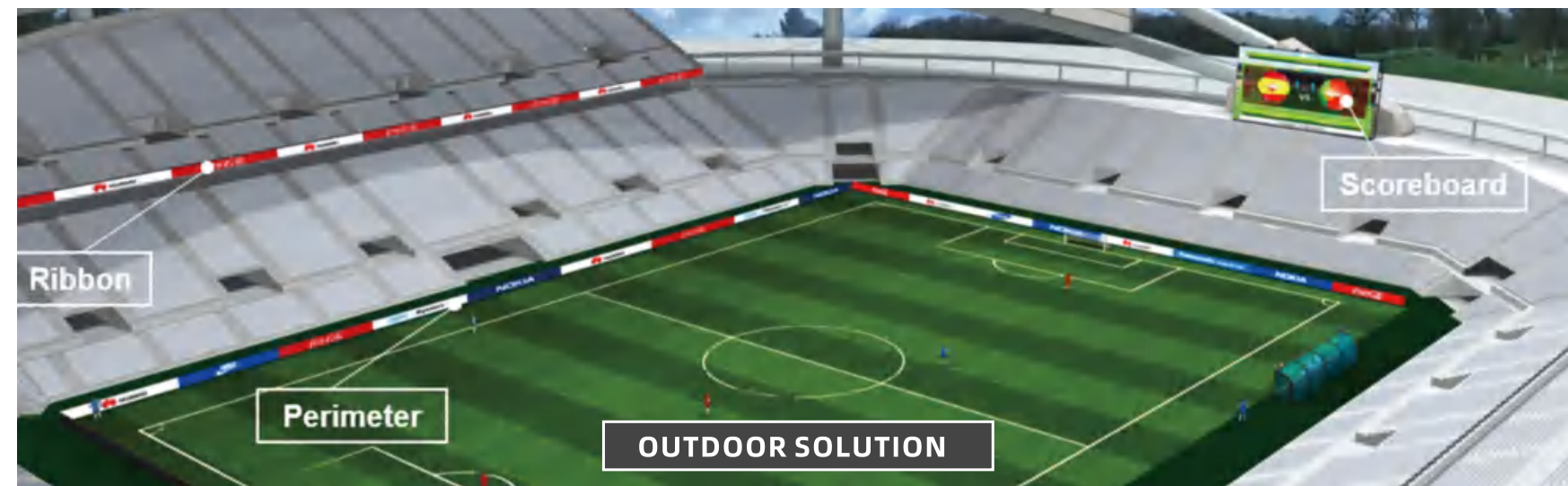
**PERIMETER  
ADVERTISING  
SYSTEM**



**RIBBON  
ADVERTISING  
SYSTEM**

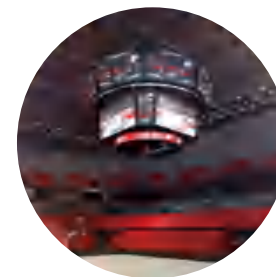


**VIDEO CENTERHUNG  
DISPLAY  
SYSTEM**

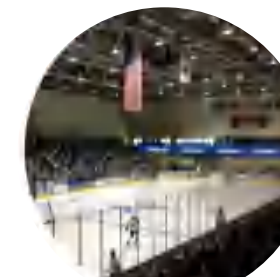


## Integrated Indoor Solution

For indoor solution, Unilumin Sports integrates audio equipment and control systems with LED display equipment. This turnkey solution is equipped with the highest standards in live broadcasting, message displays, slow-motion playback, fans interactive games and social media integration, improving gaming experience and engagement.



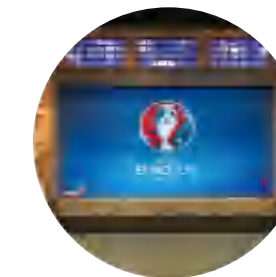
**CENTERHUNG VIDEO  
DISPLAY  
SYSTEM**



**RIBBON  
ADVERTISING  
SYSTEM**



**FIELD BOARD  
ADVERTISING  
SYSTEM**



**MEDIA  
CONFERENCE  
SYSTEM**







### Riyadh Season 2021

Unilumin Group is honored to have been chosen by Riyadh Season 2021 as an LED solution provider. Thanks to teamwork at Riyadh season, Unilumin was able to deliver a solution integrating LED screens totaling 7,000 sqm as well as software and 3D visual content production within 60 days, giving attendees the opportunity to enjoy the festival full of compelling visuals.

### 2022 Beijing Winter Olympics

Unilumin uses 4,500 square meters of LED floor tile screens combined with ultra-high-definition display, human-screen interaction, and motion capture technology to perfectly present a technologically romantic audio-visual feast and helps the Winter Olympics go smoothly.



### Spring Festival Gala

Unilumin leveraged its advantages in naked-eye 3D and AR technology which are combined with integrated Metasight solutions, and through perfect integration with lighting and sound effects, created exquisite and immersive stage visual effects for multiple programs at the party, presenting a unique theatrical performance for Chinese people all over the world.



### Jeddah Season 2022

JeddahSeason2022 has successfully completed. Unilumin product UGM series stunningly turns up in Jeddah Season, Saudi Arabia. The main screen as the brightest highlight, together with various displays form the 2,100-square-meter LED screen ensemble which perfectly presents creative contents boosting the local economy and culture.





Upanel Series 1.9&amp;1.2, 1st TV Channel Project



P Series 1.6, TRT Habor Ankara TV Station



UpanelS Series 1.5 &amp; 2.5, SIC Television Channel



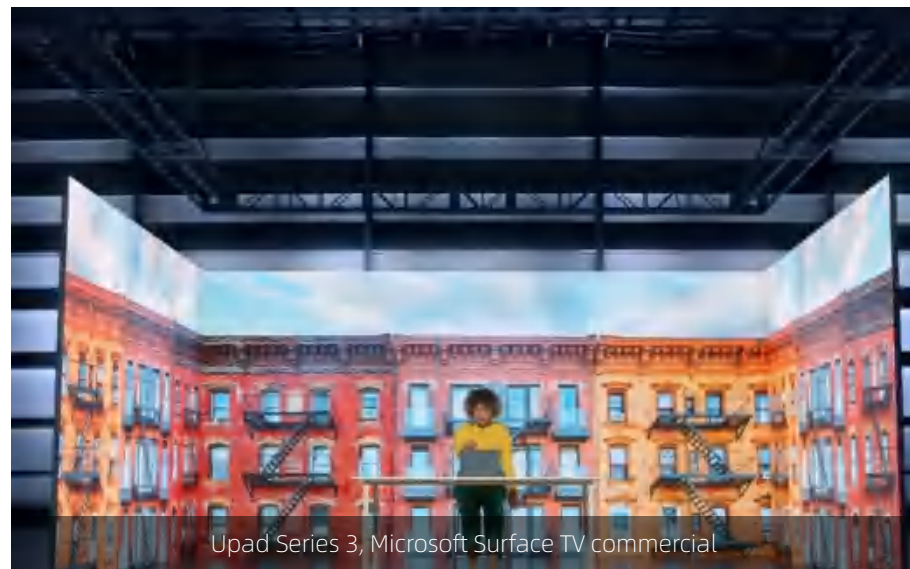
UpanelS Series 2.5 ,GMG Moldova



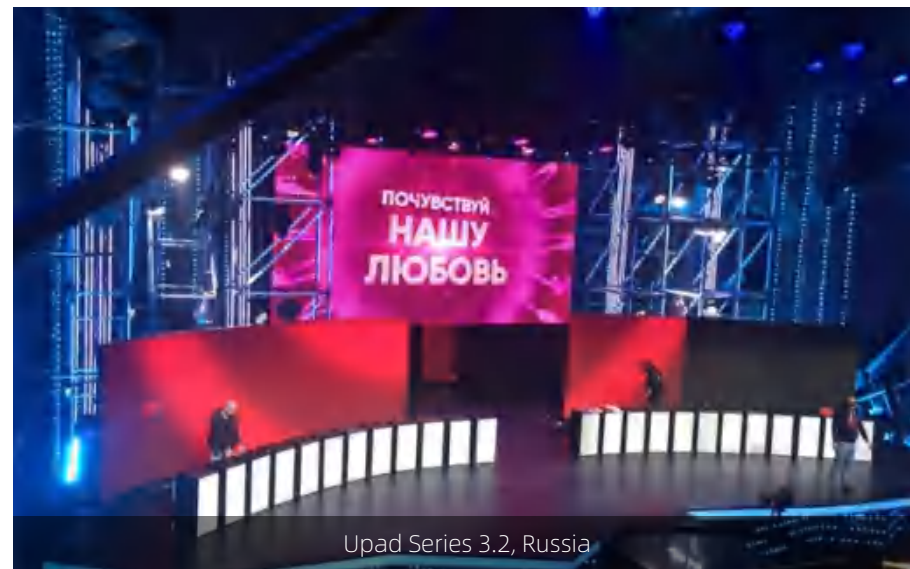
#### Upanel Series 1.9 & 2.5, Sky TV sport studio, 170sqm, Broadcasting, Italy

Broadcasting set design plays a key role in capturing viewers' attention. Sky TV Sport Studio installed a total number of 170sqm of Upanel series which operates at its lowest brightness mode while maintaining the highest image quality. The Program Director commented, "The Unilumin Upanel LED wall opens up a world of creative possibilities for shows and events that will use the Sky studio venue from this point forward." In the sports entertainment industry, producers and production designers are beginning to use our Unilumin LED walls to increase the quality of their storytelling and to augment the "physical" scenery that is traditionally used. This new LED wall places Sky Italia at the forefront of the new virtual scenery trend with outstanding clarity.





Upad Series 3, Microsoft Surface TV commercial



Upad Series 3.2, Russia



Upad Series 2.6, Le Grand Cactus TV show



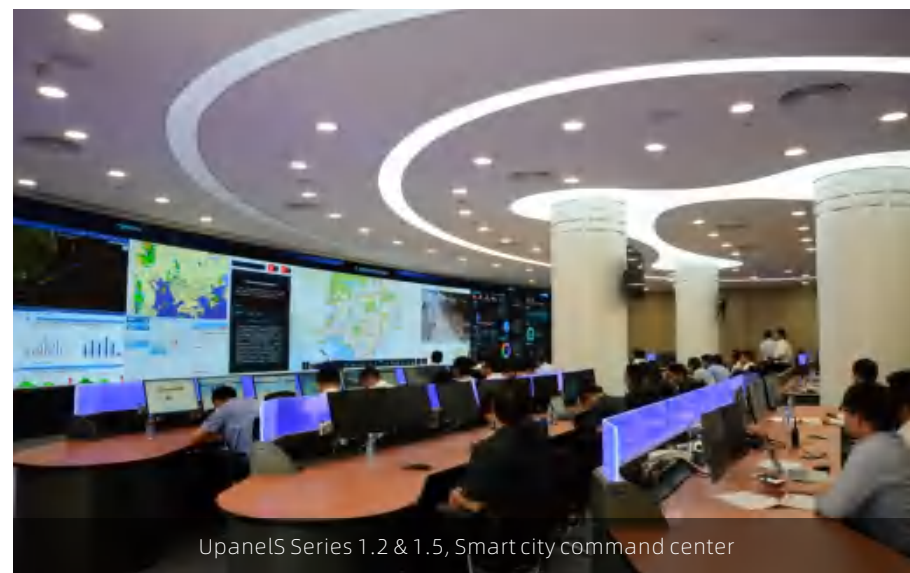
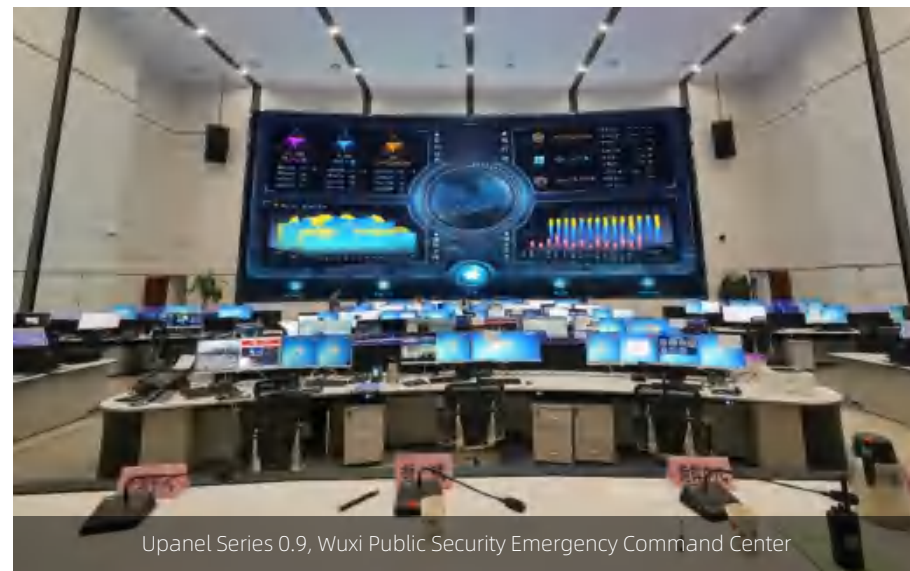
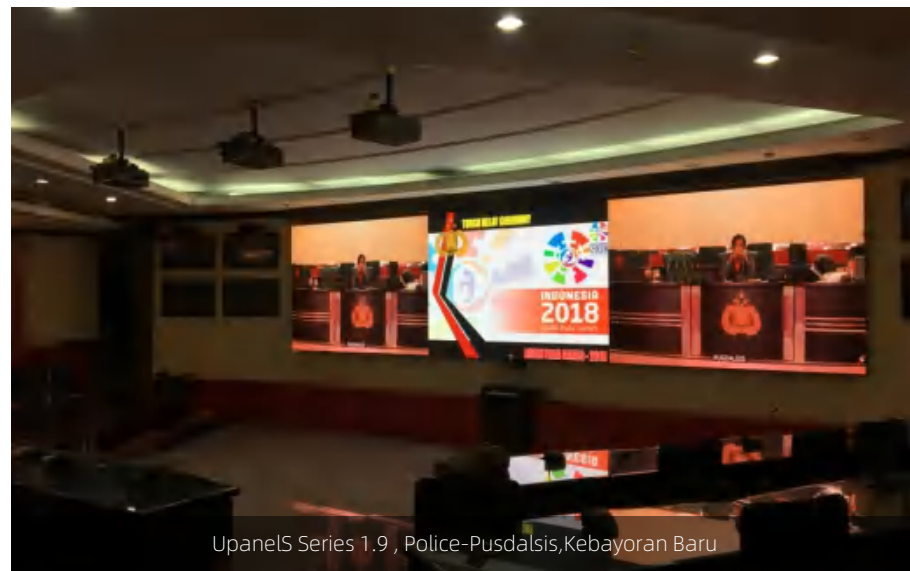
Upanel Series, ESPN Show



#### ULW Series, The Live Broadcast Hall of CMG, Qatar

Unilumin's ULW series has been applied in the only live broadcast hall of CMG in Qatar, which is the most authoritative media of China. ULW series perfectly guarantees smooth live streaming of the world-class sports event with its high definition and reliable stability, and brings high-quality real-time watching experience to fans around the world.

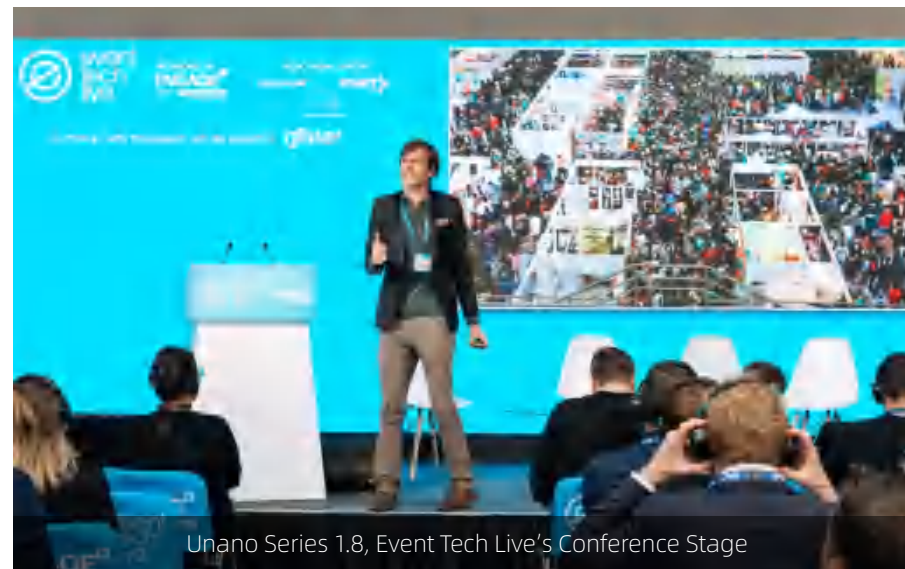
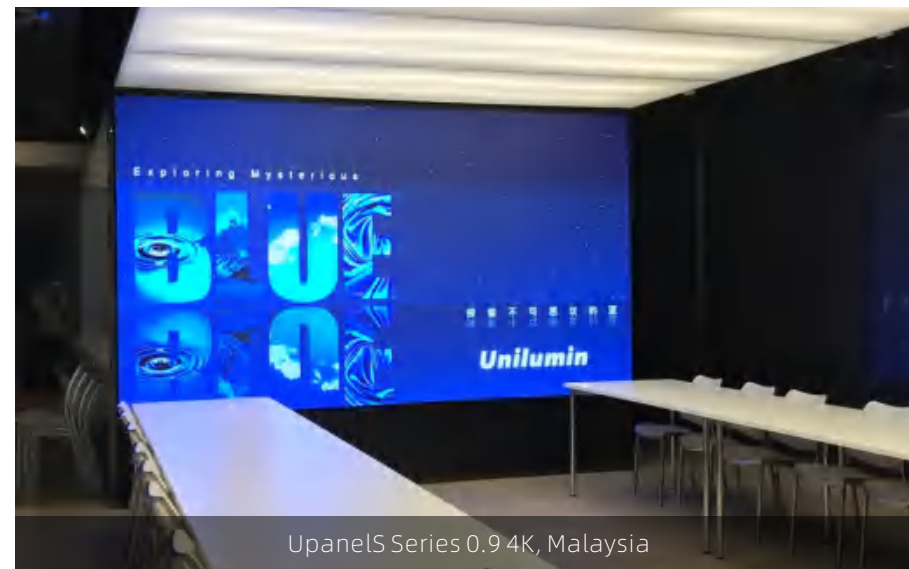




#### UpanelS Series 1.2, Mexico City International Airport, 40sqm, control room, Mexico

Unilumin defeated its major global competitors to provide its NPP LED solutions to the surveillance center at Mexico City International Airport, the busiest airport in Mexico and Latin America by passenger traffic and aircraft movements. As the UpanelS screens are robust enough to respond to mission-critical places like this airport, the cooperation has created a profound influence on choosing the most optimal display solution for surveillance centers in many other major transport hubs and public security divisions across the country.

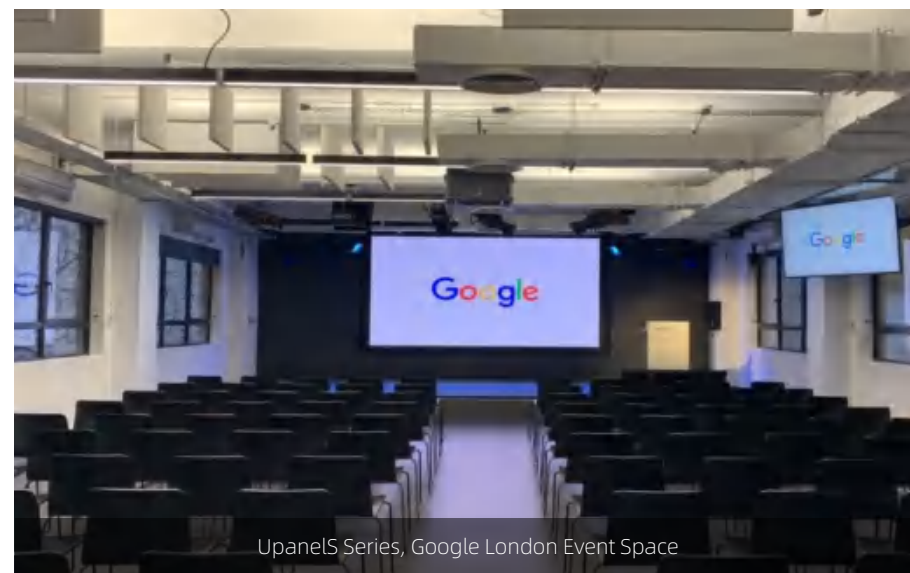
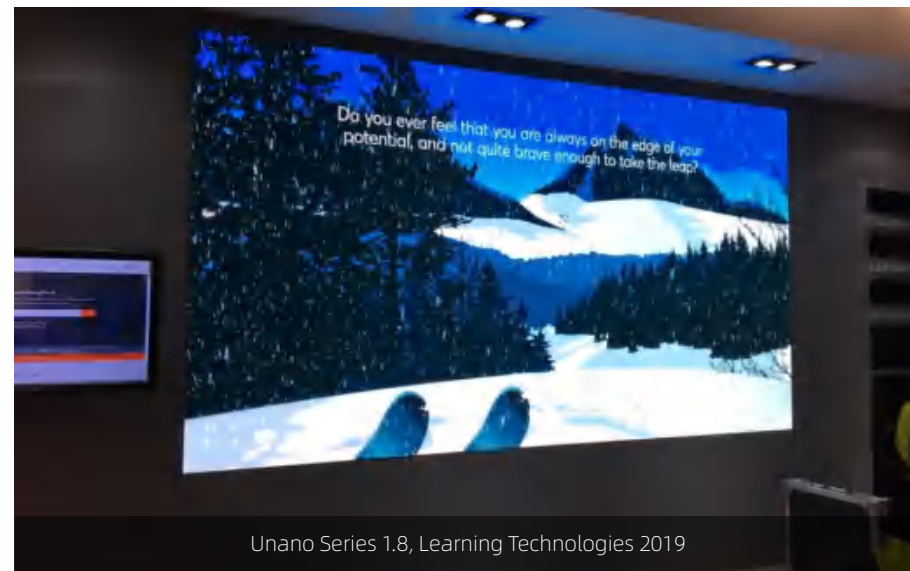
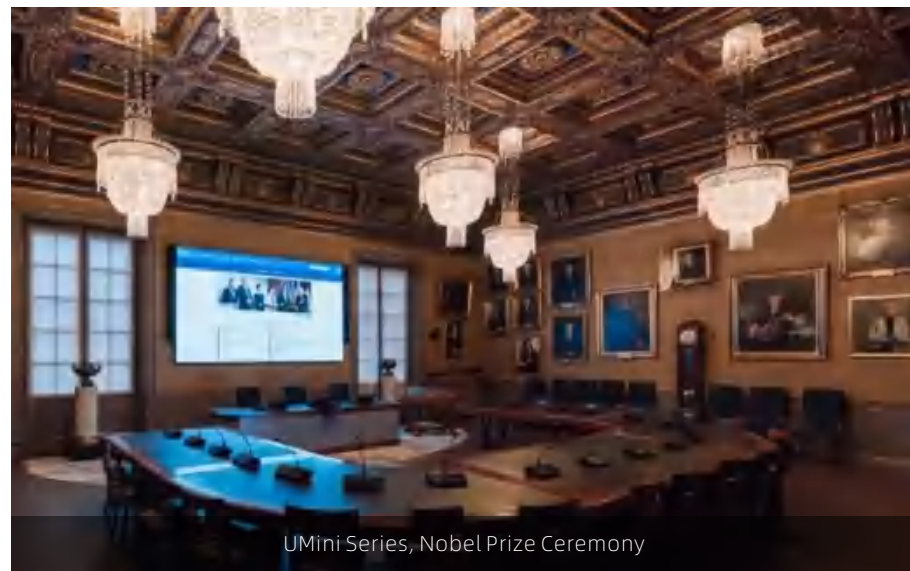




#### UpaanelS Series 1.5, IVA Conference Center, Conference room, Stockholm, Sweden

The first multinational office show event was held at IVA Conference Center, Stockholm, Sweden. Thanks to everyone on the team, this event was much smoother and better than expected. The big screen on the scene was made by Unilumin. And the terminal was very satisfied, every time he talked about this screen, he was full of pride.



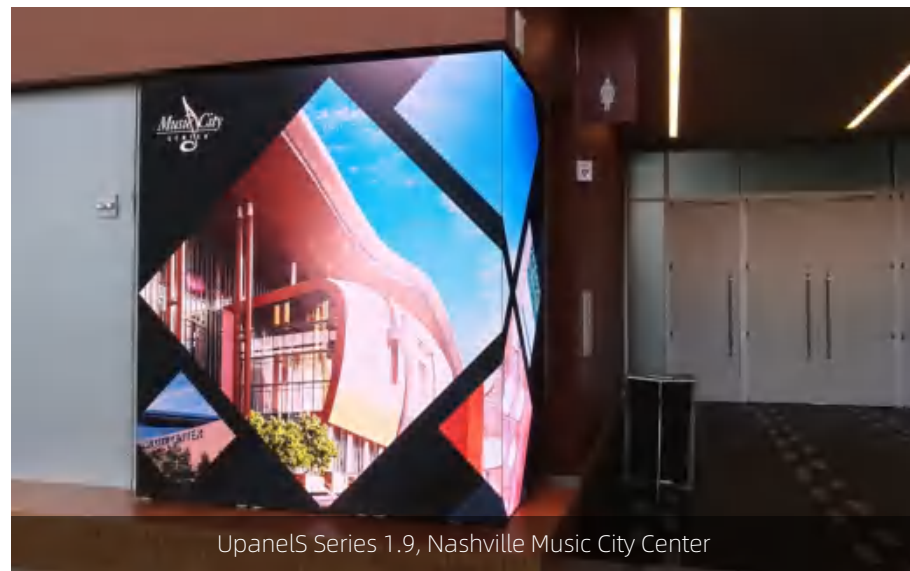


#### Upad Series 2.6, The World Heritage Conference, Poland

The display screen of main venue of the 41st session of the World Heritage Committee is Unilumin's award-winning rental product – Upad Series 2.6. The size of the huge main screen is 15M\*5.5M and the resolution is up to 5,760\*2,112. Beside are two smaller screens (3.5M\*2M). Together Unilumin provided a rental display solution with total screen area larger than 96.5 sqm.

Unilumin has abundant experience and premium products for event supporting. Upad Series 2.6, the “one for all” product, which is a climbable design for easier handling and a creative design for concave and convex, helped to make the event successful.

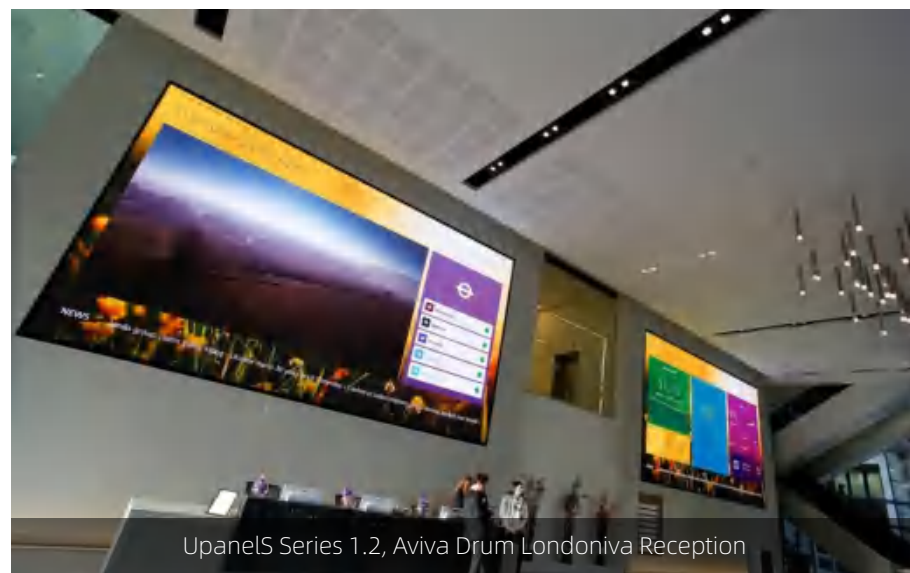




UpanelS Series 1.9, Nashville Music City Center



Kslim Series, The 22nd SCO Samarkand Summit, Uzbekistan



UpanelS Series 1.2, Aviva Drum Londoniva Reception



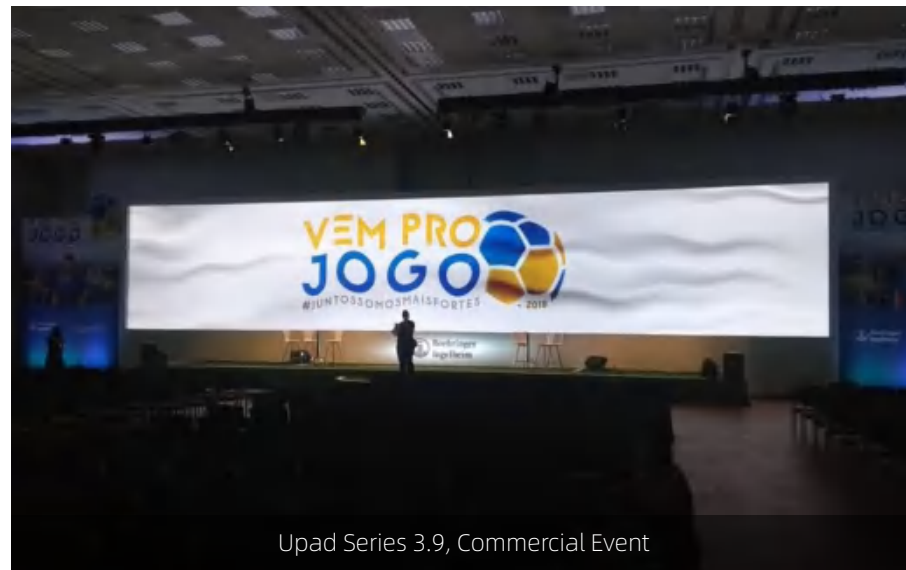
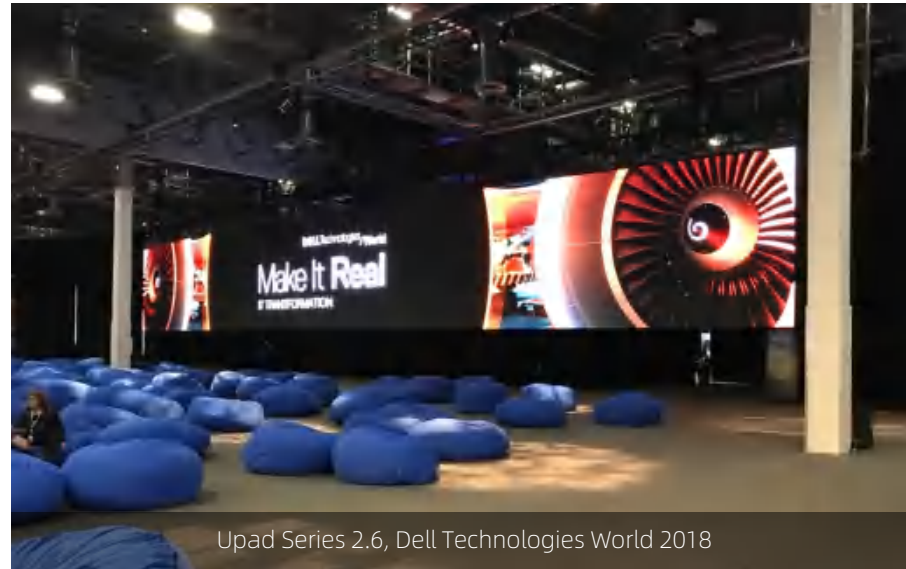
Upanel Series 1.5, Telenor headquarters



#### UpanelS Series 1.2 & 1.5 & 2.5, Statue of Liberty Museum, Commercial & Retail, Manhattan, New York

The Statue of Liberty Museum uses Unilumin 1.5mm LED wall at an interactive gallery to invite guests to share what liberty means to them. The Unilumin display is a 40-foot LED wall about 11 feet high. The highly dynamic visual effect has impressed people who have seen it in person. "The seamless integration is definitely one of the centerpieces within the museum," says Lawrence Estevez-Smith, Director of the Statue of Liberty – Ellis Island Foundation, Inc.





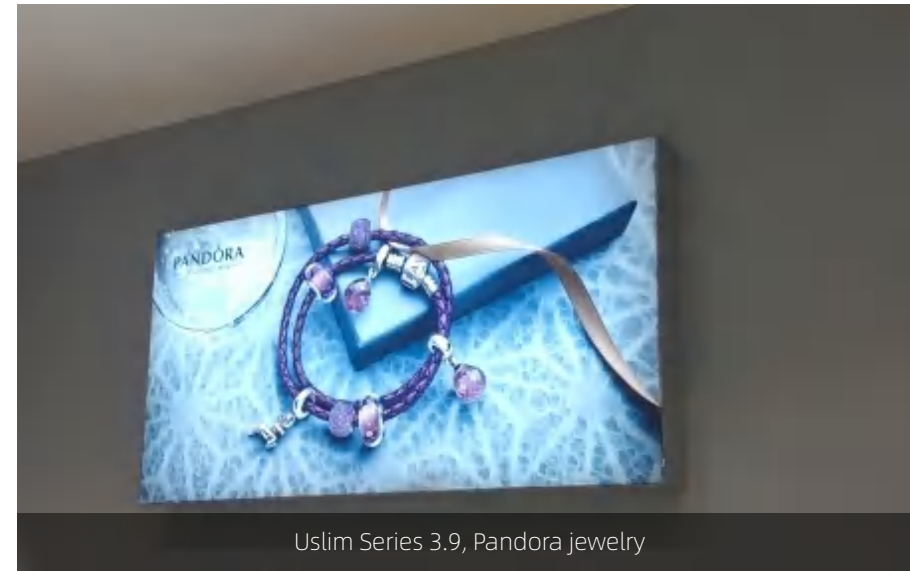
#### Upad & Unano Series, Alvernia Studios, Poland

Alvernia Studios is one of the most modern film studios in Europe. The facility combines complex film services with investment in its own productions and co-productions. The studio produces international features for theatrical release, video games, music projects and commercials. The filmmaking one-stop shop offers soundstages including a shadeless spherical bluescreen, music scoring studios, mobile units in a fleet of modern swap bodies, full shooting equipment, and motion capture services based on ultramodern Vicon cameras.





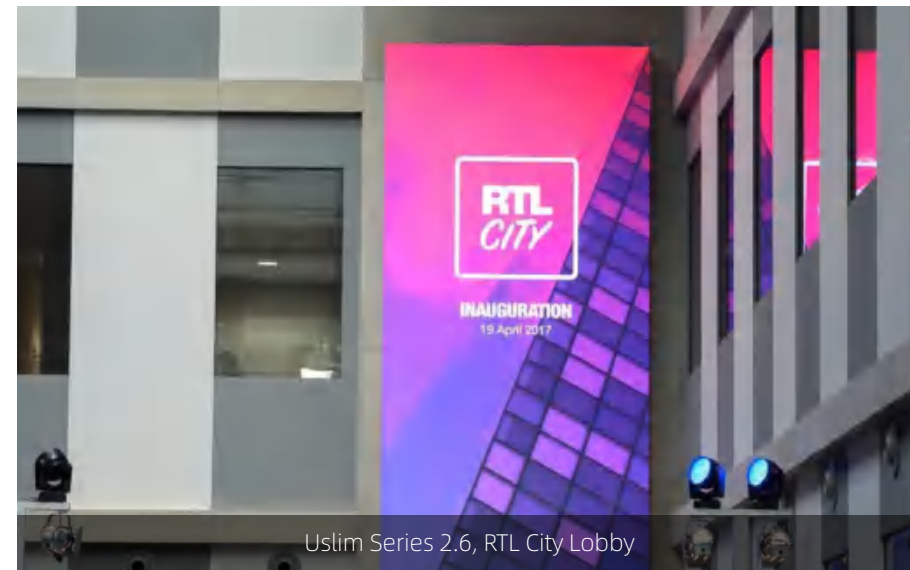
Uslim Series 2.6, Orlando



Uslim Series 3.9, Pandora jewelry



Uslim Series 3.9, Tallinn Estonia



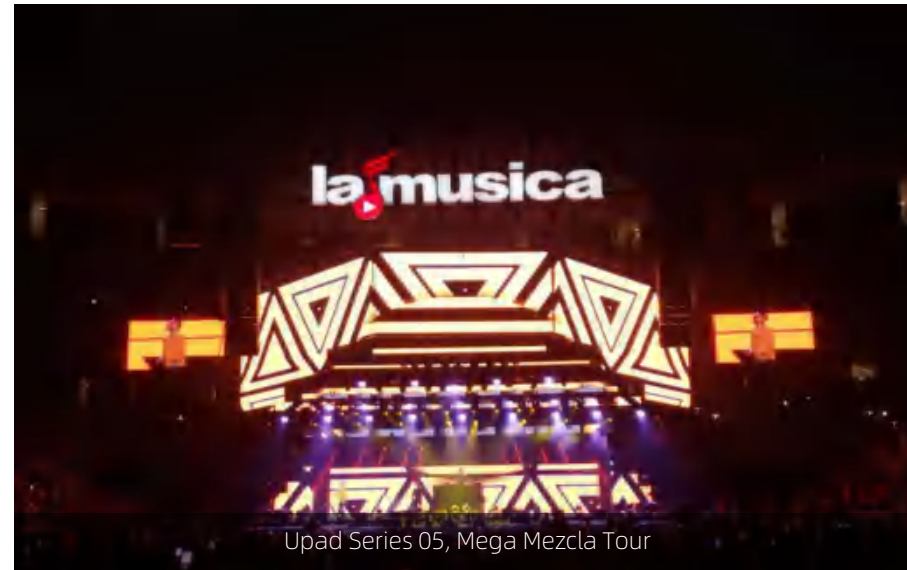
Uslim Series 2.6, RTL City Lobby



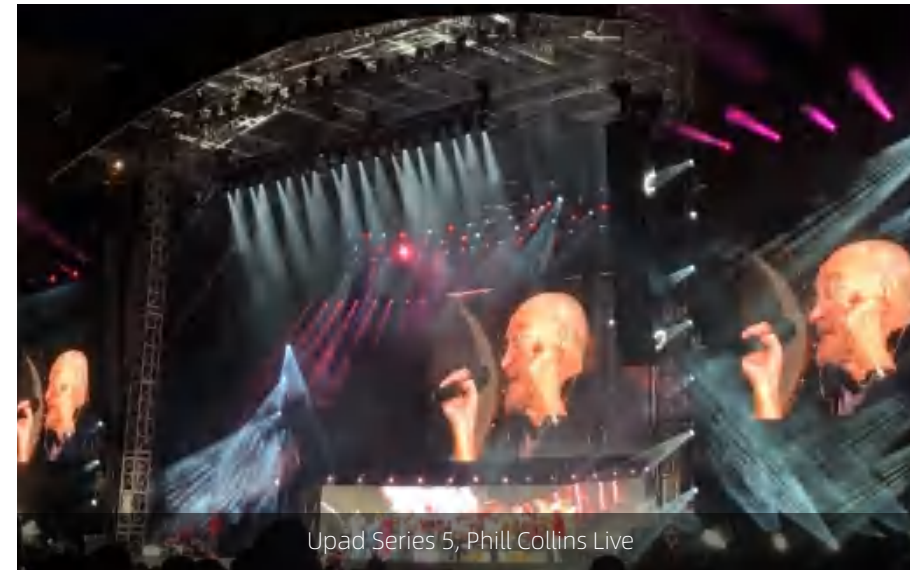
#### UHW Series, High-end Cosmetics Retail Store, Russia

This is the first large fine pixel pitch LED screen with an area of more than 50 sqm installed in a high-end cosmetics retail store in Moscow, Russia. This large format Unilumin LED screen attracts attention with moving images that are quick and easy to change, allowing retailers to keep their display updated at a click of a button. For its high resolution, true color reproduction and exceptional viewing angles, the LED screen is the best media to deliver detailed advertising videos in this bustling retail store.





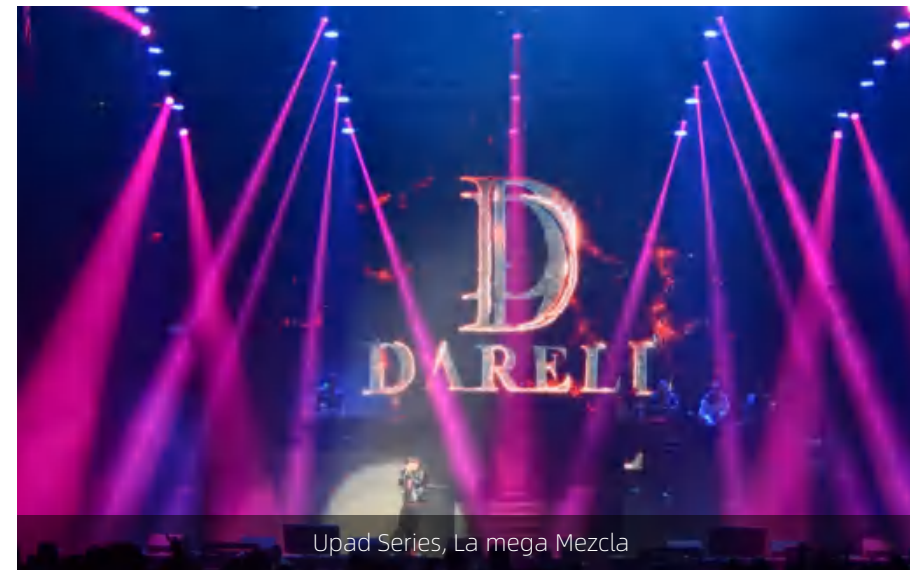
Upad Series 05, Mega Mezcla Tour



Upad Series 5, Phill Collins Live



Upad Series 6, South Africa Live Concert



Upad Series, La mega Mezcla

**Upad Series 05, Adlib Liverpool World Cup, UK**

A 17 metres wide by 7 metres high Unilumin Upad Series 5mm LED video screen was installed to allow 8,000 football fans to enjoy the thrills and spills of the game. This particular screen has been proven to be a very versatile option on previous projects and is incredibly quick to install.

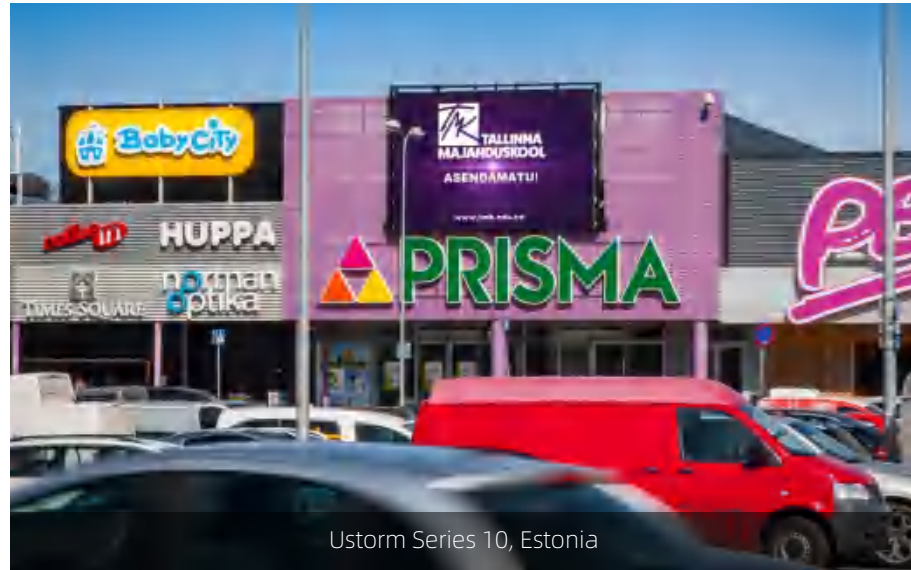




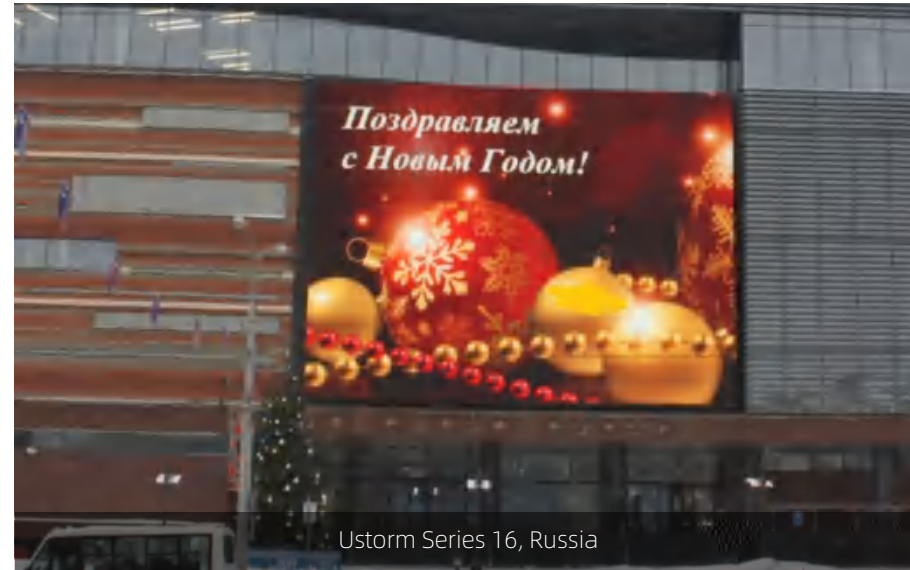
### Upad Series 2.6, Christ Place Church New LED Wall Install Project, USA

What started out as a way to serve its more than 8,000 members, Christ Place Church, formerly Blackshear Place Baptist Church completed its 78,000-square-foot new construction. Over 80 feet of Unilumin Upad Series screens, totaling 99.5 square meters (1071 square feet) were installed in the 2,000-seat worship center.





Ustorm Series 10, Estonia



Ustorm Series 16, Russia



Usurface Series 6, Shopping Mall in Israel



Ustorm Series 16, Tallinn

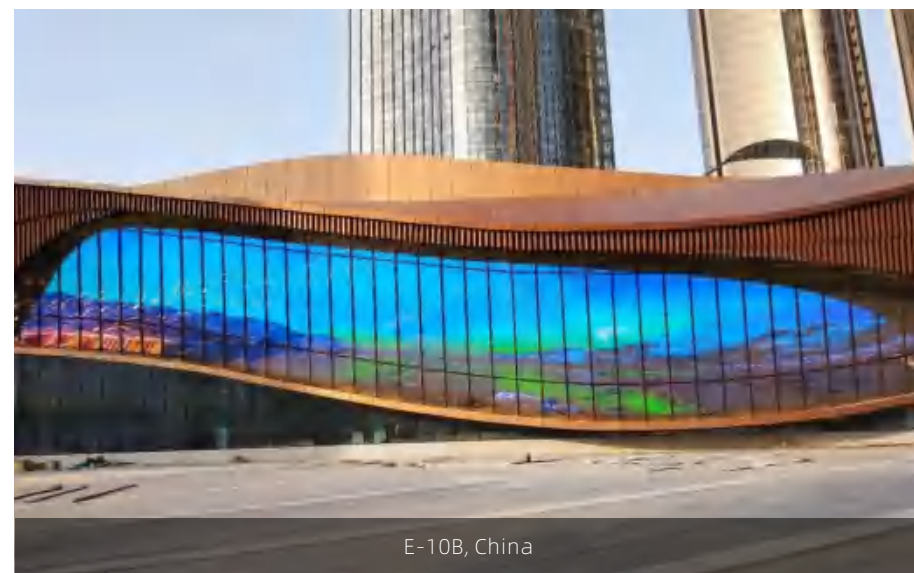


### E-10B, Osmanthus Theme Park, 288sqm, Anhui, China

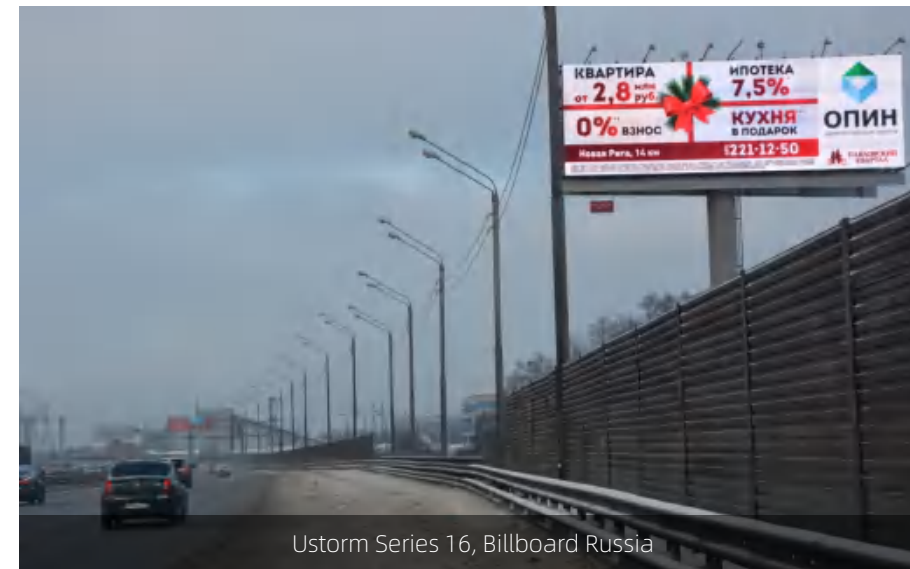
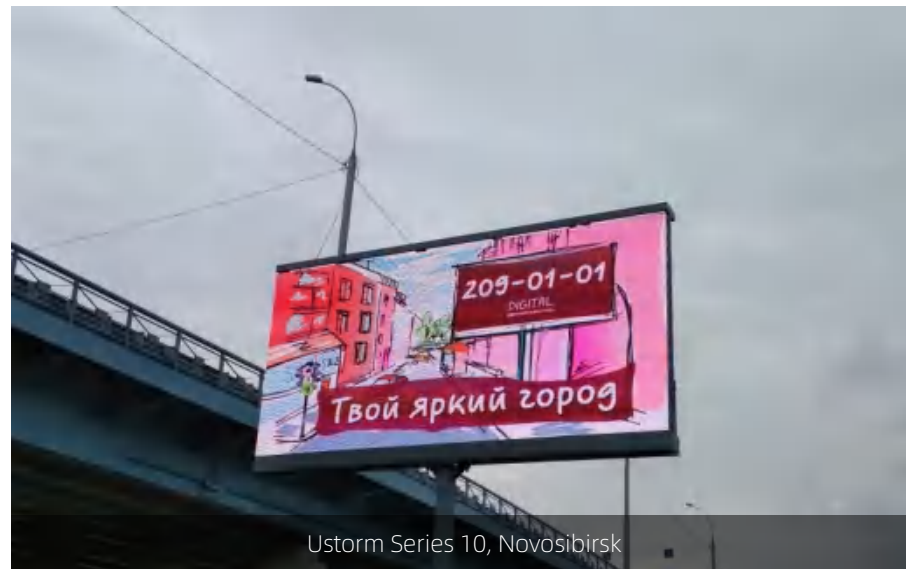
Jinzhai Guihua Park is becoming increasingly popular after installing Unilumin flexible LED display in a creative moon shape measuring in 288 square meters.

With an aesthetic and practical design, this screen presents as architectural decoration, as well as a creative advertising screen. It is marked that the combination of flexible digital screen technology and contemporary design is a successful attempt to bring public art closer to life.









#### Ustorm Series 16, Rostov Shopping Center, Russia

Unilumin R&D engineers collaborated with Gorizont LED designers to create unique cabinets with modules in different shapes and sizes, which are perfectly integrated with the irregular shape of the building. Despite of the difficulty and emergency of this project, Unilumin showed a high level of specialty, efficiency, and pursuit of high-quality work and completed the project without any delay. This screen helped Gorizont become a landmark.

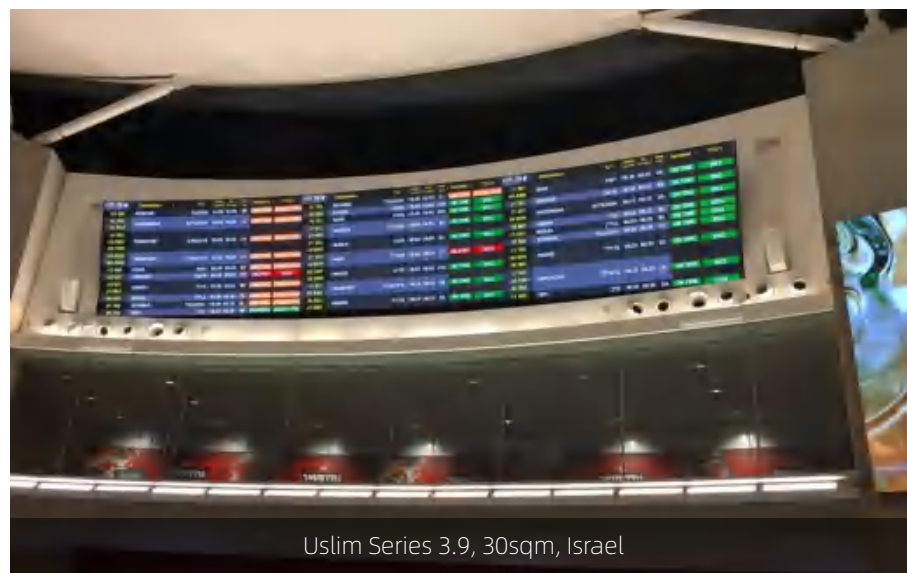




Uslim Series 3.9, Da Nang Airport



Uslim Series 4.8, Vietnam



Uslim Series 3.9, 30sqm, Israel



Uslim Series 3.9, Haugesund Airport



#### UHF Series, Flexible LED 1.9mm, Spectrum of the Seas, 155sqm, 2019

155 square meters of Unilumin's flexible LED solution creates an amazing atmosphere for both the entrances and main dining room of Spectrum of the Seas. The special convex and concave design is achieved by applying soft modules with pixel pitch of 1.9mm. And surface of modules are specially coated for protection in high footfall areas as well as washable for accidental liquid spillage. Highly reliable for 24/7 operation in a challenging environment with very low heat emission



