

Guide Visual >>>>

Guide Visual, Born for the stage

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Product catalog 2024



Guide Visual Guide Visual

深圳市佳帝科技有限公司  
SHENZHEN GUIDETECHNOLOGY CO., LTD.



LED DISPLAY



## ABOUT GUIDE VISUAL

Guide Visual Technology Co., Ltd., established in 2011 with a registered capital of 30 million RMB, specializes in premium LED display rentals (indoor/outdoor/stage LED displays) and the production of various LED electronic displays. As a high-tech enterprise integrating research and development, production, sales, and engineering services, it is headquartered in Guangming District, Shenzhen, the most densely populated area of China's high-tech industry, with offices and branches in major cities nationwide.

Since its inception, Guide Visual has attracted a large number of high-quality professional and technical talents and introduced modern professional production and testing equipment. It utilizes internationally recognized brands such as Taiwan's Jiulong Global Top Drive Solution, the world-renowned Novatek technology system card, and the industry-leading Nationstar LED lamp bead chip, among others, for electronic components and accessories, strictly adhering to the ISO9001:2008 quality management system to ensure product excellence. Currently, all indoor and outdoor full-color LED displays independently developed and produced by the company have obtained CE, FCC, ROHS, UL, and other domestic and international certifications, showcasing Guide Visual's advanced technological capabilities and product standards.

To complete the entire high-quality LED display manufacturing industry chain, Guide Visual expects its Lechang Industrial Park to be officially completed and operational by 2025. Covering an area of 88 acres, the industrial park features well-planned production, living, and leisure areas, poised to significantly enhance production efficiency and ensure production capacity and product quality with a professional production system and service support to meet market demands.

As a high-tech enterprise in Shenzhen, Guide Visual has received significant attention and support from the Shenzhen municipal government. By establishing strategic alliances with LED display raw material suppliers and distributors domestically and internationally, the company practices modern enterprise resource sharing, division of labor, complementary advantages, and efficient operations.

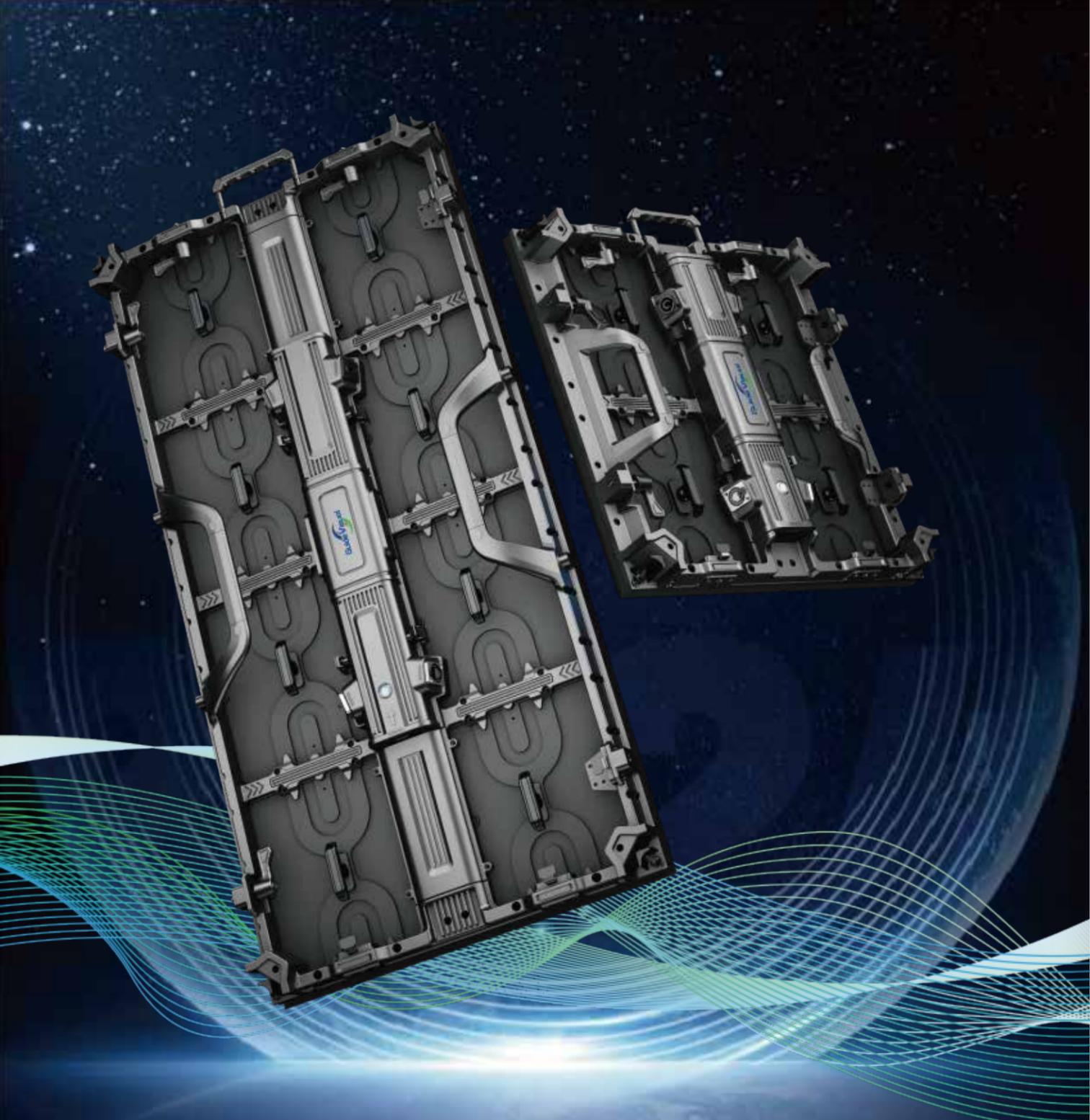
Guide Visual's flagship product, premium rental LED displays, are professionally utilized in significant stage events such as auto shows, conferences, concerts, music festivals, and evening galas. Additionally, various LED displays find extensive applications in airports, railway stations, ports, stadiums, banks, schools, factories, postal and telecommunications, shopping malls, hospitals, industry and commerce, taxation, customs, monitoring centers, advertising, and entertainment fields nationwide and abroad.

With its robust strength, professional technology, reliable quality, and first-class service, Guide Visual provides users with high-standard products. With a clear market positioning, continuous technological innovation, and management concepts synchronized with international standards, Guide Visual has built an excellent service system. The company remains committed to its mission of "creating high-cost-effective products truly needed by the market," starting from customer needs and advancing forward.



"Guide Visual Technology" - Born for the Stage, Crafting World-Class LED Rental Screens

Guide Visual 热情不减, 共赴未来, 与你共度12载  
佳帝科技12周年团建



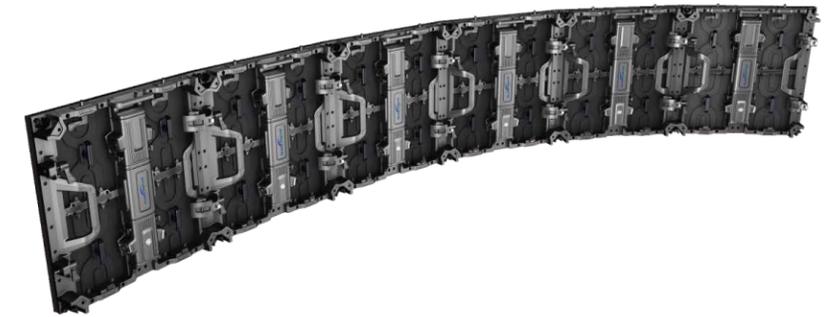
# GS Series

-  Simple Aesthetic Design
-  Uniform Power Distribution Design
-  Plug-and-Play Power Box Design
-  Module Upgradability
-  Never-Blackout Technology
-  Hardwired Connection
-  Corner Protection Design
-  Beveled Edge Design
-  Irregular Installation
-  Front and Rear Maintenance Accessible

## Product Features



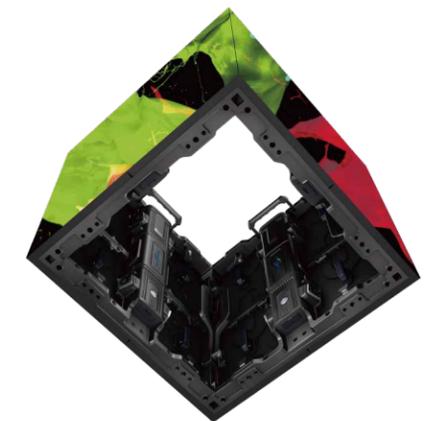
**Latest Anti-Collision/Never-Blackout Technology**  
PCB Anti-Collision Solder Pads, utilizing 4 sets of data transmission



**Curved Rapid Installation Design**  
(±10 , 0, ±5)



**Curved and Right-Angle Interlocking Design**  
500x500mm, 500x1000mm cabinets can be seamlessly combined  
Can also be staggered for more creative displays



**Right-angle installation design for versatile assembly options**  
Beveled edges without the need for frames, featuring a 45-degree cabinet design

## Technical parameter\* T = Outdoor

Model	P2.6	P2.97	P3.91	P2.97T	P3.91T	P4.81T
LED Type	SMD1515	SMD1515	SMD2121	SMD1415	SMD1921	SMD1921/SMD2525
Pixel Pitch (mm)	2.6	2.976	3.906	2.976	3.906	4.807
Pixel Density (dots/m <sup>2</sup> )	147,456	112,896	65,536	112,896	65,536	43,264
Module Size (mm)	250*250	250*250	250*250	250*250	250*250	250*250
Module Resolution (dots)	96*96	84*84	64*64	84*84	64*64	52*52
Cabinet Size (mm)	500*500/1000*75	500*500/1000*75	500*500/1000*75	500*500/1000*75	500*500/1000*75	500*500/1000*75
Cabinet Weight (KGs)	6.5/11.5	6.5/11.5	6.5/11.5	6.8/11.8	6.8/11.8	6.8/11.8
Refresh Rate (HZ)	7680	7680	7680	7680	7680	7680
Brightness (CD/m <sup>2</sup> )	800-1200	800-1000	800-1000	4000-4500	4500-5000	4500-5000
Average Power (W/m <sup>2</sup> )	250	250	250	300	300	300
Driving Method	I/32s	I/28s	I/16s	1/14S	1/16S	1/13S
Viewing Angles (H/V)	160°/160°	160°/160°	160°/160°	160°/160°	160°/160°	160°/160°
IP rate	IP30	IP30	IP30	IP65	IP65	IP65
Working Humidity (RH)	10%-60%			10%-90%		
Working Temperature (°C)	-30°C ~ +40°C					
Installation Types	Sitting/Floor/Lifting/Arc/Special-shaped/Right Angle					



# GF Series

-  Wireless Screen Connection
-  Modular Design
-  Plug-and-Play Power Box Design
-  Never-Blackout Technology
-  Dual Backup for Power and Signal
-  Futuristic Design
-  Corner Protection Design
-  Beveled Edge Design
-  Ultra-Lightweight Design
-  Front and Rear Maintenance Accessible

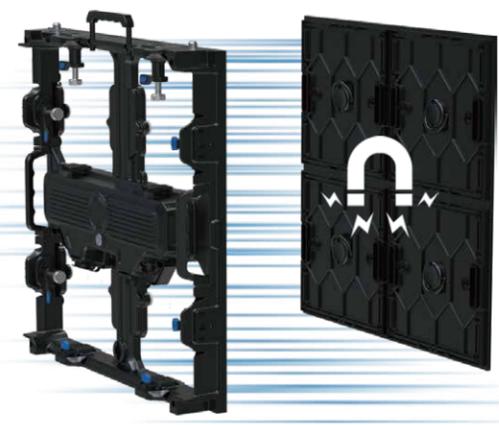
## Product Features



**High-Tech Innovation: Wireless Connectivity**  
Ultra-Fast Screen Linking, with a Distinct Technological Appeal



**Integrated Modular Design**  
Dual Backup Design for Power and Signal



**Dual Front Maintenance Design**  
for Simplified Maintenance  
Maintenance Made Easy and Effortless



**Compatibility for 500x500mm + 500x1000mm Panels**  
Allowing for Interchangeable Arrangements  
Versatile Product - Compatible Installation, Fulfilling the Creative Needs of Various Stage Settings

## Technical parameter\* T = Outdoor

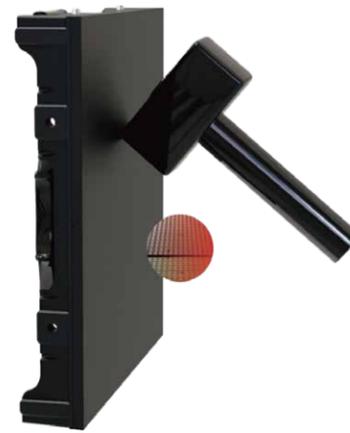
Model	P2.6	P2.97	P3.91	P2.97T	P3.91T	P4.81T
LED Type	SMD1515	SMD1515	SMD2121	SMD1415	SMD1921	SMD1921/SMD2525
Pixel Pitch (mm)	2.6	2.976	3.906	2.976	3.906	4.807
Pixel Density (dots/m <sup>2</sup> )	147,456	112,896	65,536	112,896	65,536	43,264
Module Size (mm)	250*250	250*250	250*250	250*250	250*250	250*250
Module Resolution (dots)	96*96	84*84	64*64	84*84	64*64	52*52
Cabinet Size (mm)	500*500/1000*85	500*500/1000*85	500*500/1000*85	500*500/1000*85	500*500/1000*85	500*500/1000*85
Cabinet Weight (KGs)	8.5/12.5	8.5/12.5	8.5/12.5	8.5/12.5	8.5/12.5	8.5/12.5
Refresh Rate (HZ)	3840	3840	3840	3840	3840	3840
Brightness (CD/m <sup>2</sup> )	800-1200	800-1000	800-1000	4000-4500	4500-5000	4500-5000
Average Power (W/m <sup>2</sup> )	250	250	250	300	300	300
Driving Method	I/32s	I/28s	I/16s	1/14S	1/16S	1/13S
Viewing Angles (H/V)	160°/160°	160°/160°	160°/160°	160°/160°	160°/160°	160°/160°
IP rate	IP30	IP30	IP30	IP65	IP65	IP65
Working Humidity (RH)	10%-60%			10%-90%		
Working Temperature (°C)	-30°C ~ +40°C					
Installation Types	Sitting/Floor/Lifting/Arc/Special-shaped/Right Angle					



# G10 Series

- Collision Prevention Design
- Modular Design
- Plug-and-Play Power Design
- Never-Blackout Technology
- Dual Backup for Power and Signal
- Sleek Technological Design
- Corner Protection Design
- Beveled Edge Design
- Super Lightweight Design
- Front and Rear Maintenance Capable

## Product Features



**Cutting-Edge Collision Avoidance Technology Implementation**  
Utilization of PCB Collision-Resistant Solder Pads  
Employing 4 Sets of Data Transmission



**G10 Series Interlocking Design**  
Integration of 500x500mm, 500x1000mm Panels  
Allowing for Versatile Arrangements to Unleash Creativity



**Uninterrupted Signal Transmission Ensuring Consistent Performance**  
Dual Ethernet Port Backup Design, Providing Peace of Mind for Events



**Integrated Modular Design**  
Combination of Module+Cabinet Frame+ Fast lock

## Technical parameter\* T = Outdoor

Model	P2.6	P2.97	P3.91	P2.97T	P3.91T	P4.81T
LED Type	SMD1515	SMD1515	SMD2121	SMD1415	SMD1921	SMD1921/SMD2525
Pixel Pitch (mm)	2.6	2.976	3.906	2.976	3.906	4.807
Pixel Density (dots/m <sup>2</sup> )	147,456	112,896	65,536	112,896	65,536	43,264
Module Size (mm)	250*250	250*250	250*250	250*250	250*250	250*250
Module Resolution (dots)	96*96	84*84	64*64	84*84	64*64	52*52
Cabinet Size (mm)	500*500/1000*85	500*500/1000*85	500*500/1000*85	500*500/1000*85	500*500/1000*85	500*500/1000*85
Cabinet Weight (KGs)	8.5/13.2	8.5/13.2	8.5/13.2	8.5/13.2	8.6/13.6	8.6/13.6
Refresh Rate (HZ)	3840	3840	7680	3840	7680	7680
Brightness (CD/m <sup>2</sup> )	800-1200	800-1000	800-1000	4000-4500	4500-5000	4500-5000
Average Power (W/m <sup>2</sup> )	250	250	250	300	300	300
Driving Method	I/32s	I/28s	I/16s	1/14S	1/16S	1/13S
Viewing Angles (H/V)	160°/160°	160°/160°	160°/160°	160°/160°	160°/160°	160°/160°
IP rate	IP30	IP30	IP30	IP65	IP65	IP65
Working Humidity (RH)	10%-60%			10%-90%		
Working Temperature (°C)	-30°C ~ +40°C					
Installation Types	Sitting/Floor/Lifting/Arc/Special-shaped/Right Angle					



# G20 Series

-  High Contrast Ratio
-  High Refresh Rate
-  Beveled Edge Design
-  Super Lightweight Design
-  Quick Installation
-  Waterproof Design
-  Modular Design
-  Moisture-Resistant Design
-  Impact Resistance
-  UV Resistance

## Product Features



### Ultra-Transparency Design

Transparency: 55% for Standard  
72% for High Providing Strong Visual Impact



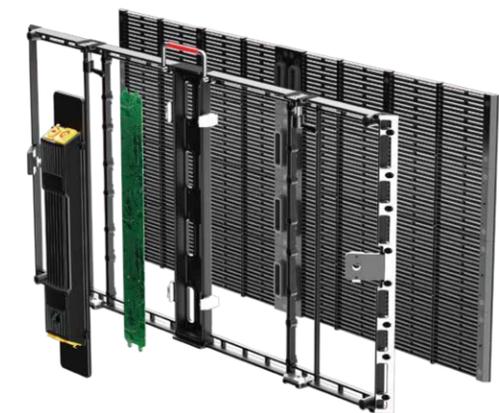
### High Contrast Ratio/High Refresh Rate

Vivid Colors, Dynamic Imagery, Eye-Catching Appeal  
Minimal Pixel Pitch, Horizontal 3.9mm/Vertical 7.8mm  
with a Refresh Rate of 3840Hz



### Beveled Edge Design, Cube Installation Capability

Direct Installation on Pillar Structures Possible



### Modular Design

Convenient Installation, Featuring Quick-Locking Mechanism

## Technical parameter\* T = Outdoor

Items	Parameters
Pixel Pitch (mm)	H3.9mm * V7.8mm
Pixel Density (dot/M2)	32768
Transmittance	Common 55%
Cabinet Pixel Arrangement	256*64 (90° rotatable)
Display Resolution	256*128 (Interlaced )
Max Power Consumption (W/M2)	800 (in white color)
Average Power Consumption (W/M2)	260 (Dynamic)
Brightness (nits)	4500
Cabinet Size (mm)	1000*500 (90° rotatable when installing)
Cabinet Weight (kg)	7.5 kg
Refresh Rate (Hz)	7680
LED Package	SMD1921
LED Control System	Nova
Display Ports	DVI/HDMI/DP/CAT cable
Driver IC	ICN2153 PWM
IP Rate	outdoor IP65
Working Voltage	DC4.5V
Power Supply	AC100~240V 50/60Hz /220V±10V
Working Temperatures / Humidity	-20~40℃, 10%-90% no condensation
LED Life Span	100,000 hours (start from the led lighten up to completely extinguished)