



QIANGLI JUCAI PRODUCT BROCHURE

QIANGLI LED, FOR LARGE LED DISPLAYS



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CONTENTS

ABOUT OUR COMPANY

- About Our Company 02-04
- Scale of Production 05-06

ABOUT OUR PRODUCT

- Product Series 07-08
- Outdoor Full Color Q-Pro/E Series 09-10
- Outdoor Full Color S Series 11-12
- Indoor Full Color Q-Pro Series 13-14
- Indoor Full Color Q-H/E Series 15-16
- Indoor Full Color S Series 17-18
- Indoor Flexible Module 19-20
- Single Color Series 21-22
- DM Series For Rental (Cabinet Solution) 23-24
- DM Series For Rental (Module Solution) 25-26
- Indoor Fixed Installation MG Series 27-28
- Indoor Fixed Installation DA-I Cabinet 29-30
- Outdoor Fixed Installation MG-O 31-32
- Cabinet Perimeter LED Series 33-34
- Transparent Screen 35-36

ABOUT OUR COMPANY

Qiangli Jucai is a renowned global provider of LED display solutions and services. Qiangli Jucai's smart display units serve both corporate and residential clients across various sectors, including government and public services. With a presence in over 130 countries and regions worldwide, Qiangli Jucai's products find applications in areas such as smart conference displays, security surveillance, command hubs, broadcasting studios, event exhibits, stage rentals, advertising platforms, digital billboards, retail spaces, and smart city projects.



ABOUT OUR COMPANY

Qiangli Jucai's mission is "Customer-Focused, Perfectly Display", and it sees spreading the use of LED displays as a way to make its employees' life better. It is dedicated to bringing cutting-edge new display technology to the world and making it popular in any display application scenes in the world so that users can have the best LED display experience.

Since it was founded in 2004, Qiangli Jucai has grown quickly and become leader in its field. It has been named a nationally recognized enterprise technology center, high-tech enterprise, national intellectual property advantage enterprise, national key new product, Top 500 Chinese brand, national level "Manufacturing Individual Champion Demonstration Enterprise," and so on.

Qiangli Jucai has a full system that combines research and development, production, sales, and service for LED display products. It has two modern, intelligent manufacturing bases in mainland China and more than 2,000 employees. The area of the new LED



opto-electronic industry park is more than 256,000 square meters, and it cost more than 4 billion RMB to build. It will be turned into a high-end, all-inclusive industrial park with industrial plants, national technology centers, national key laboratories, LED opto-electronic industrialization bases, comprehensive office buildings, and marketing companies, as well as an international advanced LED opto-electronic innovation and R&D manufacturing base, with a focus on display technology research, such as fine-pitch LED display, mini-LED display, micro LED display, big data intelligent interface, etc.



With the advent of the worldwide trillion-dollar LED display industry, Qiangli Jucai pledges to remember its founding principle of "popularization of LED displays". Remaining true to its corporate mission, upholding its core values of integrity and win-win, seeking the truth from facts, and earning respect in the marketplace. Relying on its work ethic, sincerity, service, and entrepreneurial spirit, to advance the goal of building a world-class company while continuing to promote the globalization of large LED display!

THE SCALE OF PRODUCTION

Production Equipment



Qiangli Jucai ensures a consistent supply for every order sourced with a monthly production capacity of 4 million module pieces.



Qiangli Jucai utilizes state-of-the-art global production technology, including American-made solder paste printers, German re-flow soldering machines, Japanese and German pick-and-place systems, Korean solder paste thickness gauges, and Japanese all-electric injection molding machines. Our facility features seven smart production workshops and 28 automated manufacturing lines, achieving over 95% automation. This allows for large-scale manufacturing and extensive supply capabilities.



PRODUCT SERIES

| | | |
|-------------------------------------|----------------------|--|
| 1. Outdoor Full Color LED Module | Q Series | Outdoor Full Color Q Series: <ul style="list-style-type: none"> Q-Pro: Q2.5, Q3.0, Q4, Q5, Q6, Q6.6, Q8, Q10 Q-E: Q2.5, Q3.0, Q4, Q5, Q6, Q6.6, Q8, Q10 |
| | S High-End Series | Outdoor Full Color S High-End Series: <ul style="list-style-type: none"> S2, S2.5, S3.0, S4, S5, S6, S6.6, S8, S10 |
| 2. Indoor Full Color LED Module | Q Series | Indoor Full Color Q Series: <ul style="list-style-type: none"> Q-Pro: Q0.8, Q1, Q1.2, Q1.3, Q1.5, Q1.6, Q1.8, Q2, Q 2.5, Q3, Q3.0, Q4 Q-H: Q1.8, Q2, Q2.5 Q-E: Q2.5, Q3, Q3.0, Q4 |
| | S High-End Series | Indoor Full Color S High-End Series: <ul style="list-style-type: none"> S0.8, S1, S1.2, S1.3, S1.5, S1.6, S1.8, S2, S2.5, S3, S3.0, S4 |
| 3. Indoor Flexible Module | R Series | R Series: <ul style="list-style-type: none"> R-H: R1.5, R1.8, R2.0, R2.5 R-Pro: R1.5, R1.8, R2.0, R2.5 |
| 4. Single Color | Outdoor Single Color | Outdoor Single Color: <ul style="list-style-type: none"> P10 single red |

| | | |
|---|------------------------------------|---|
| 5. DM Series For Rental | Module solution | Module Solution: <ul style="list-style-type: none"> Indoor: DM2.6-Pro, DM3.9 Pro Outdoor: DM3.9-Pro, DM4.8-Pro |
| | Cabinet Solution | Cabinet Solution: <ul style="list-style-type: none"> Indoor: DM2.6-Pro, DM3.9 Pro Outdoor: DM3.9-Pro, DM4.8-Pro |
| 6. Indoor Fixed Installation Series | Indoor Fixed Installation Series | Indoor Fixed Installation Series: <ul style="list-style-type: none"> MG Series DA-I |
| | Outdoor Fixed Installation Cabinet | MG Fixed Installation Cabinet: <ul style="list-style-type: none"> MG-O |
| 7. Outdoor Fixed Installation Series | Perimeter LED Screen | Perimeter LED Screen: <ul style="list-style-type: none"> Q5, Q6.6, Q8/S5, S6.6, S8 with soft mask |
| | Transparent Screen | Transparent Screen <ul style="list-style-type: none"> Indoor: JS3.9, JS7.8, JS10.4 Outdoor: CT10.4 |

OUTDOOR FULL COLOR Q-PRO/E SERIES



| Items | Q-Pro Series (Outdoor) | | | | | | | | Q-E Series (Outdoor) | | | | | | | |
|--|--|--------|-------|---------|-----------|-------|---------|-------|--------------------------|--------|-------|---------|-------|-------|---------|-------|
| | Q2.5 | Q3.0 | Q4 | Q5 | Q6 | Q6.6 | Q8 | Q10 | Q2.5 | Q3.0 | Q4 | Q5 | Q6 | Q6.6 | Q8 | Q10 |
| Pixel Pitch (mm) | 2.5 | 3.0 | 4 | 5 | 6 | 6.6 | 8 | 10 | 2.5 | 3.0 | 4 | 5 | 6 | 6.6 | 8 | 10 |
| Scan | 1/16 | 1/13 | 1/10 | 1/8 | 1/8 | 1/6 | 1/5 | 1/2 | 1/16 | 1/13 | 1/10 | 1/8 | 1/8 | 1/6 | 1/5 | 1/2 |
| Module Size (mm) | 320*160 | | | 192*192 | | | 320*160 | | 320*160 | | | 192*192 | | | 320*160 | |
| Module Resolution (Dots) | 128*64 | 104*52 | 80*40 | 64*32 | 32*32 | 48*24 | 40*20 | 32*16 | 128*64 | 104*52 | 80*40 | 64*32 | 32*32 | 48*24 | 40*20 | 32*16 |
| Pixel Density (Dots/m ²) | 160000 | 105625 | 62500 | 40000 | 27777 | 22500 | 15625 | 10000 | 160000 | 105625 | 62500 | 40000 | 27777 | 22500 | 15625 | 10000 |
| Energy Consumption Level | Grade 1 | | | | | | | | Grade 1 | | | | | | | |
| Supply Voltage (v) | ≥4.5 | | | | | | | | ≥4.5 | | | | | | | |
| Brightness (cd/m ²) | 5000-6000 | | | | 4500-5000 | | | | 4200-4500 | | | | | | | |
| Color Temperature (k) | 6500~18000 Adjustable | | | | | | | | 6500~18000 Adjustable | | | | | | | |
| Contrast | ≥5000: 1 | | | | | | | | ≥5000: 1 | | | | | | | |
| Driving IC | Energy-Saving High Refresh Rate PWM-SS | | | | | | | | Energy-Saving Driving IC | | | | | | | |
| Gray Level (Bit) | 13~14 Adjustable | | | | | | | | 12~13 Adjustable | | | | | | | |
| Refresh Rate(Hz) | ≥4200 | | | | | | | | ≥960 | | | | | | | |
| Maximum Power Consumption (W/m ²) <small>Just for reference</small> | ≤648 | ≤786 | ≤909 | ≤836 | ≤946 | ≤892 | ≤866 | ≤857 | ≤648 | ≤786 | ≤909 | ≤836 | ≤946 | ≤892 | ≤866 | ≤857 |
| Average Power Consumption (W/m ²) <small>Just for reference</small> | ≤216 | ≤262 | ≤303 | ≤279 | ≤315 | ≤297 | ≤289 | ≤286 | ≤216 | ≤262 | ≤303 | ≤279 | ≤315 | ≤297 | ≤289 | ≤286 |
| Warranty | 1 Year | | | | | | | | | | | | | | | |

*Depending on the configuration, the parameters are slightly changed

*Remarks: The above parameters are for reference only. All the right have been reserved by Xiamen Qiangli Jucai Opto electronics Technology Co., Ltd



01 [Product Module]

- 01 Q-Pro: Q2.5, Q3.0, Q4, Q5, Q6, Q6.6, Q8, Q10
- 02 Q-E: Q2.5, Q3.0, Q4, Q5, Q6, Q6.6, Q8, Q10

02 [Product Advantages]

- 01 Q-Pro utilizes a PWM-SS dual energy-efficient driver IC, boasting a 4K refresh rate for ripple-free photography. It also supports a low-voltage start at 4.2V, offering additional energy savings.
- 02 Compatible with a 4.5V low voltage, offering energy efficiency.
- 03 The IC transistors feature broad spacing, robust over-current capabilities, and excellent voltage resistance. With mature manufacturing techniques, they offer enhanced stability and performance.
- 04 Compatible with MG cabinets, the system allows for effortless DIY customization, independent installation, and easy end maintenance.

03 [Application]

- 01 Commonly deployed in settings such as information hubs, demo centers, command stations, indoor auditoriums, TV studios, exhibition spaces, cinemas, government offices, conference rooms, entertainment facilities, educational institutions, hospitals, and performing arts venues, among others.

OUTDOOR FULL COLOR S SERIES



| Items | S Series (Outdoor) | | | | | | | |
|---|--|--------|-------|-----------|-------|-------|-----------|-------|
| | S2 | S2.5 | S3.0 | S4 | S5 | S6.6 | S8 | S10 |
| Pixel Pitch (mm) | 2 | 2.5 | 3.07 | 4 | 5 | 6.6 | 8 | 10 |
| Scan | 1/20 | 1/16 | 1/13 | 1/10 | 1/8 | 1/6 | 1/5 | 1/2 |
| Module Size (mm) | 320*160 | | | | | | | |
| Module Resolution (Dots) | 160*80 | 128*64 | 104*5 | 80*40 | 64*32 | 48*24 | 40*20 | 32*16 |
| Pixel Density (Dots/m ²) | 250000 | 160000 | 10562 | 62500 | 40000 | 22500 | 15625 | 10000 |
| Energy Consumption Level | Grade 1 | | | | | | | |
| Supply Voltage (v) | ≥4.5 | | | | | | | |
| Brightness (cd/m ²) | 5500-6000 | | | 6000-7000 | | ≥6500 | 6000-7000 | |
| Color Temperature (k) | 6500~18000 Adjustable | | | | | | | |
| Contrast | ≥5000: 1 | | | | | | | |
| Driving IC | Energy-Saving High Refresh Rate PWM-SS | | | | | | | |
| Gray Scale (Bit) | ≥14 Adjustable | | | | | | | |
| Refresh Rate (Hz) | ≥4200 | | | | | | | |
| Maximum Power Consumption (W/m ²) <small>*just for reference</small> | ≤918 | ≤648 | ≤786 | ≤909 | ≤836 | ≤946 | ≤866 | ≤857 |
| Average Power Consumption (W/m ²) <small>*just for reference</small> | ≤306 | ≤216 | ≤262 | ≤303 | ≤279 | ≤316 | ≤289 | ≤286 |
| Warranty | 1 Year | | | | | | | |

*Depending on the configuration, the parameters are slightly changed

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01 [Product Module]

- 01 S2, S2.5, S3.0, S4,S 5, S6.6, S8, S10

02 [Product Advantages]

- 01 Featuring a gold wire lamp, the system is reliable, stable, and comes with a quality guarantee. It employs PWM/PWM-SS driver ICs and a 4K refresh rate, ensuring ripple-free photography. With support for a 4.5V low voltage, the screen dynamically goes into standby mode to save energy.
- 02 The IC transistors are spaciouly arranged and can handle large currents, offering excellent voltage resistance, mature manufacturing, and enhanced stability.
- 03 The display boasts a 140-degree viewing angle, offering an impeccable viewing experience from multiple directions.
- 04 Qiangli independently develops and produces the masks, which provide effective dust protection and excellent color uniformity. Its vertical and horizontal stiffeners are thoughtfully designed for stability and reliability.
- 05 Constructed with high-quality silicone, the system is waterproof and moisture-proof, featuring rapid heat dissipation and longlasting durability.
- 06 Engineered with perfect drainage holes and reinforcement rib design, the thick bottom shell is ideal for constructing large screens.
- 07 The system is complemented by top-quality, flawless accessories.

03 [Application]

- 01 Usually used in outdoor advertising media,government and enterprise engineering,cultural tourism sports venues, commercial real estate and other fields.

INDOOR FULL COLOR Q-PRO SERIES



| Items | Q-Pro Series (Indoor) | | | | | | | | | | | | |
|---|--|---------|---------|---------|---------|--------|---------|--------|--------|---------|---------|---------|--|
| | Q0.8 | Q1 | Q1.2 | Q1.3 | Q1.5 | Q1.6 | Q1.8 | Q2 | Q2.5 | Q3 | Q3.0 | Q4 | |
| Pixel Pitch (mm) | 0.8 | 1 | 1.2 | 1.3 | 1.5 | 1.6 | 1.8 | 2 | 2.5 | 3 | 3.07 | 4 | |
| Scan | 1/45 | 1/40 | 1/64 | 1/29 | 1/52 | 1/32 | 1/43 | 1/40 | 1/32 | 1/32 | 1/26 | 1/20 | |
| Module Size (mm) | 320*160 | | | | | | | | | 192*192 | | 320*160 | |
| Module Resolution (Dots) | 360*180 | 320*160 | 256*128 | 232*116 | 208*104 | 192*96 | 172*86 | 160*80 | 128*64 | 64*64 | 104*52 | 80*40 | |
| Pixel Density (Dots/m ²) | 1265625 | 1000000 | 640000 | 525625 | 422500 | 360000 | 288906 | 250000 | 160000 | 111111 | 105625 | 62500 | |
| Energy Consumption Level | Grade 1 | | | | | | | | | | | | |
| Supply Voltage (v) | ≥4.5 | | | | | | | | | | | | |
| Brightness (cd/m ²) | ≥600 | | | | | | 600-700 | | ≥600 | | 600-700 | | |
| Color Temperature (k) | 6500~18000 Adjustable | | | | | | | | | | | | |
| Contrast | ≥5000: 1 | | | | | | | | | | | | |
| Driving IC | Energy-Saving High Refresh Rate PWM-SS | | | | | | | | | | | | |
| Gray Scale (Bit) | 13~14 Adjustable | | | | | | | | | | | | |
| Refresh Rate (Hz) | ≥4200 | | | | | | | | | | | | |
| Maximum Power Consumption (W/m ²) <small>*Just for reference</small> | ≤703 | ≤791 | ≤580 | ≤580 | ≤580 | ≤580 | ≤439 | ≤439 | ≤457 | ≤525 | ≤413 | ≤465 | |
| Average Power Consumption (W/m ²) <small>*Just for reference</small> | ≤235 | ≤264 | ≤194 | ≤194 | ≤194 | ≤194 | ≤147 | ≤147 | ≤153 | ≤175 | ≤138 | ≤155 | |
| Warranty | 1 Year | | | | | | | | | | | | |

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01 [Product Module]

- 01 Q-pro: Q0.8, Q1, Q1.2, Q1.3, Q1.5, Q1.6, Q1.8, Q2, Q2.5, Q3, Q3.0, Q4

02 [Product Advantages]

- 01 Q-Pro utilizes a PWM-SS dual energy-efficient driver IC and offers a 4K refresh rate for ripple-free photography. It also supports a low-voltage start at 4.2V, enhancing its energy-saving capabilities.
- 02 Compatible with a 4.5V low voltage, the system is designed for energy efficiency.
- 03 The IC transistors feature broad spacing, robust overcurrent capabilities, and excellent voltage resistance. Thanks to mature manufacturing techniques, they offer superior stability and performance.
- 04 The product line is comprehensive, featuring a standard universal size of 320x160mm.
- 05 Designed to be compatible with QM III cabinets, the system allows for easy DIY customization, independent installation, and straightforward front-end maintenance.

03 [Application]

- 01 Typically used in environments such as information hubs, demonstration facilities, command centers, indoor auditoriums, TV studios, exhibition spaces, movie theaters, government offices, conference areas, entertainment locations, educational institutions, healthcare facilities, and performing arts venues, among others.

INDOOR FULL COLOR Q-H/E SERIES



| Items | Q-H Series (Indoor) | | | Q-E Series (Indoor) | | | |
|---|--------------------------|--------|---------|--------------------------|---------|---------|-------|
| | Q1.8 | Q2 | Q2.5 | Q2.5 | Q3 | Q3.0 | Q4 |
| Pixel Pitch (mm) | 1.8 | 2 | 2.5 | 2.5 | 3 | 3.07 | 4 |
| Scan | 1/43 | 1/40 | 1/64 | 1/32 | 1/32 | 1/26 | 1/20 |
| Module Size (mm) | 320*160 | | | 320*160 | 192*192 | 320*160 | |
| Module Resolution (Dots) | 172*86 | 160*80 | 128*64 | 128*64 | 64*64 | 104*52 | 80*40 |
| Pixel Density (Dots/m ²) | 288906 | 250000 | 160000 | 160000 | 111111 | 105625 | 62500 |
| Energy Consumption Level | Grade 1 | | | Grade 1 | | | |
| Supply Voltage (v) | ≥4.5 | | | ≥4.5 | | | |
| Brightness (cd/m ²) | ≥500 | | 400-500 | ≥500 | | | |
| Color Temperature (k) | 6500~18000 Adjustable | | | 6500~18000 Adjustable | | | |
| Contrast | ≥5000: 1 | | | ≥5000: 1 | | | |
| Driving IC | Energy-Saving Driving IC | | | Energy-Saving Driving IC | | | |
| Gray Scale (Bit) | 12~13 Adjustable | | | 12~13 Adjustable | | | |
| Refresh Rate (Hz) | ≥3840 | | | ≥1920 | | | |
| Maximum Power Consumption (W/m ²) <small>*Just for reference</small> | ≤439 | ≤439 | ≤457 | ≤457 | ≤525 | ≤413 | ≤465 |
| Average Power Consumption (W/m ²) <small>*Just for reference</small> | ≤147 | ≤147 | ≤153 | ≤153 | ≤175 | ≤138 | ≤155 |
| Warranty | 1 Year | | | | | | |

*Depending on the configuration, the parameters are slightly changed

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01 [Product Module]

01 Q-H: Q1.8, Q2, Q2.5 Q-E: Q2.5, Q3, Q3.0, Q4

02 [Product Advantages]

- 01 The Q-H series features a PWM energy-saving high-refresh driver IC, delivering high-definition visuals with crisp and nuanced imaging.
- 02 The Q-E series is equipped with an updated deghosting IC that eliminates ghost lines and cross reflections, ensuring a high-quality display.
- 03 IC transistors in the system are designed with ample spacing, strong overcurrent capacity, excellent voltage resistance, and proven manufacturing techniques, contributing to overall stable performance. The product lineup is comprehensive.
- 04 Offering a standard universal size of 320x160mm.
- 05 Compatible with MG III cabinets, the system supports easy DIY customization, stand-alone installation, and straightforward front-end maintenance.

03 [Application]

- 01 These systems are commonly deployed in high-visibility areas such as indoor auditoriums, TV studios, exhibition spaces, movie theaters, government facilities, conference rooms, entertainment venues, educational settings, healthcare centers, and performing arts venues, among other applications.

INDOOR FULL COLOR S SERIES



| Items | S Series (Indoor) | | | | | | | | | | | | |
|--|-------------------------------------|---------|---------|---------|---------|--------|--------|--------|--------|---------|--------|---------|--|
| | S0.8 | S1 | S1.2 | S1.3 | S1.5 | S1.6 | S1.8 | S2 | S2.5 | S3 | S3.0 | S4 | |
| Pixel Pitch (mm) | 0.8 | 1 | 1.2 | 1.3 | 1.5 | 1.6 | 1.8 | 2 | 2.5 | 3 | 3.07 | 4 | |
| Scan | 1/45 | 1/40 | 1/32 | 1/29 | 1/26 | 1/32 | 1/43 | 1/40 | 1/32 | 1/32 | 1/26 | 1/20 | |
| Module Size (mm) | 320*160 | | | | | | | | | 192*192 | | 320*160 | |
| Module Resolution (Dots) | 360*180 | 320*160 | 256*128 | 232*116 | 208*104 | 192*96 | 172*86 | 160*80 | 128*64 | 64*64 | 104*52 | 80*40 | |
| Pixel Density (Dots/m ²) | 1265625 | 1000000 | 640000 | 525625 | 422500 | 360000 | 288906 | 250000 | 160000 | 111111 | 105625 | 62500 | |
| Energy Consumption Level | Grade 1 | | | | | | | | | | | | |
| Supply Voltage (v) | ≥4.5 | | | | | | | | | | | | |
| Brightness (cd/m ²) | ≥600 | ≥800 | | | | | ≥650 | ≥600 | ≥800 | ≥700 | ≥800 | ≥650 | |
| Color Temperature (k) | Adjustable Range From 6500 to 18000 | | | | | | | | | | | | |
| Contrast | ≥5000: 1 | | | | | | | | | | | | |
| Driving IC | PWM-SS Energy-Saving Driving IC | | | | | | | | | | | | |
| Gray Scale (Bit) | ≥14 | | | | | | | | | | | | |
| Refresh Rate (Hz) | ≥4200 | | | | | | | | | | | | |
| Maximum Power Consumption (W/m ²) <small>Just for reference</small> | ≤703 | ≤791 | ≤580 | ≤580 | ≤580 | ≤580 | ≤439 | ≤439 | ≤457 | ≤525 | ≤413 | ≤465 | |
| Average Power Consumption (W/m ²) <small>Just for reference</small> | ≤235 | ≤264 | ≤194 | ≤194 | ≤194 | ≤194 | ≤147 | ≤147 | ≤153 | ≤175 | ≤138 | ≤155 | |
| Warranty | 1 Year | | | | | | | | | | | | |

*Depending on the configuration, the parameters are slightly changed

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01 [Product Module]

- 01 S0.8, S1, S1.2, S1.3, S1.5, S1.6, S1.8, S2, S2.5, S3, S3.0, S4

02 [Product Advantages]

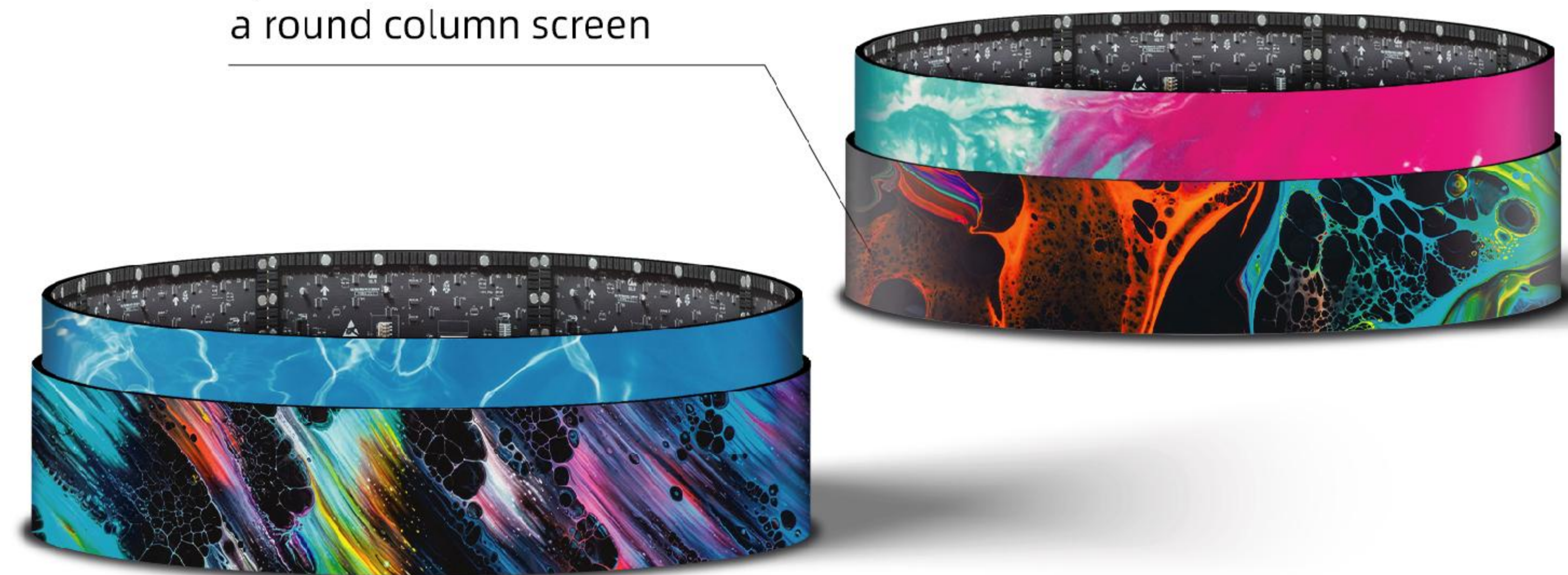
- 01 Featuring a gold wire lamp, the system is dependable, stable, and assures quality.
- 02 It utilizes a PWM-SS dual energy-efficient driver IC with a 4K refresh rate, ensuring ripple-free photography.
- 03 Additionally, the screen dynamically enters a low-power standby mode when operating at a low voltage of 4.5V, enhancing its energy efficiency.
- 04 The IC transistors are designed with generous spacing and robust over-current capabilities, offering excellent voltage resistance and stability, thanks to mature manufacturing processes.
- 05 The product lineup is comprehensive, including a standard universal size of 320x160mm.
- 06 Compatible with MG III cabinets, the system facilitates easy DIY customization, independent installation, and convenient front-end maintenance.
- 07 It also boasts a 140-degree viewing angle, offering an optimal viewing experience from various directions.
- 08 This high-end system is versatile and suited for multiple applications.

03 [Application]

- 01 Commonly deployed in key areas within indoor auditoriums, TV studios, exhibition spaces, movie theaters, government offices, conference rooms, entertainment locations, educational institutions, healthcare facilities, and performing arts venues, among others.

INDOOR FLEXIBLE MODULE

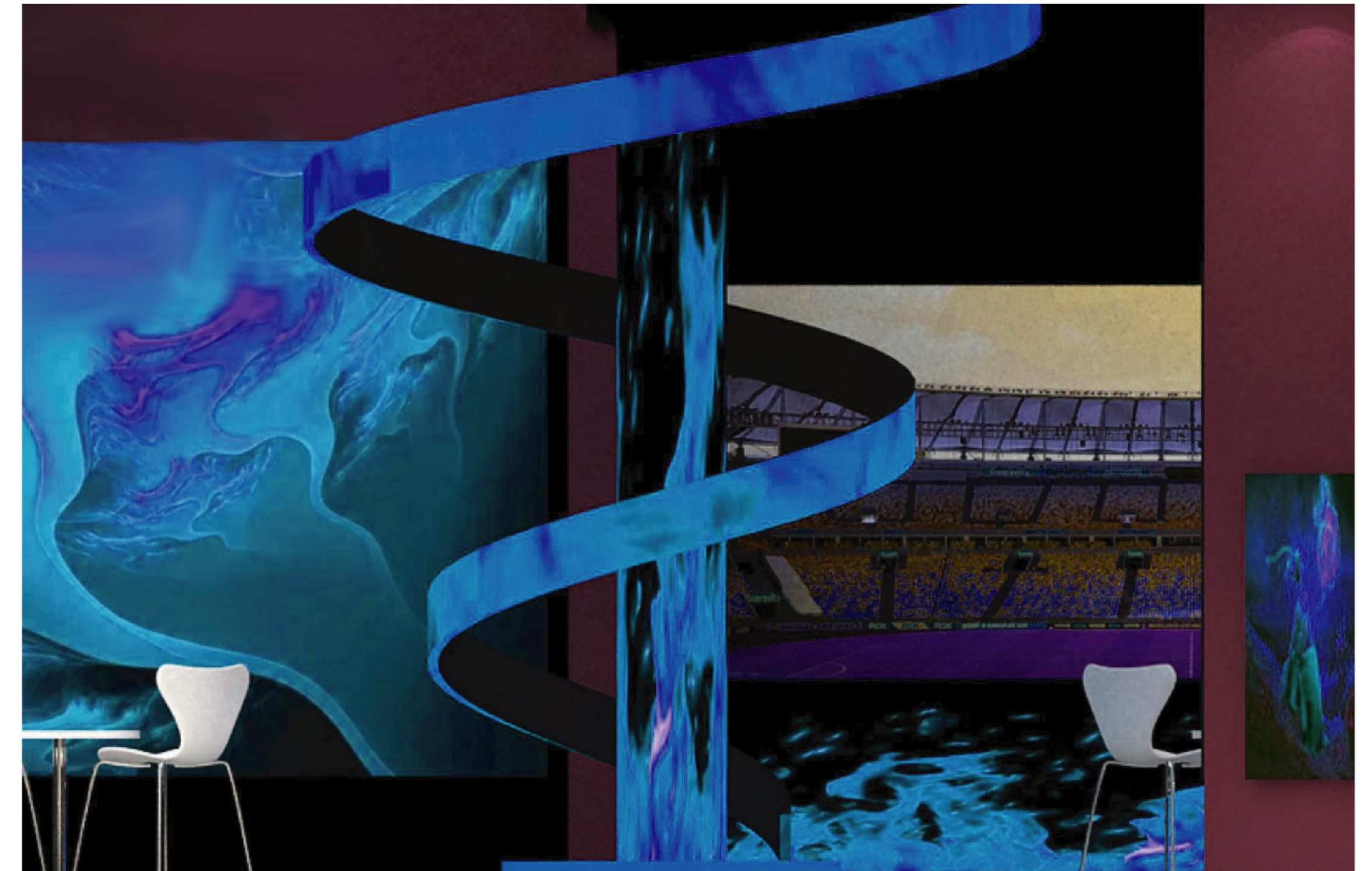
4pcs flexible module to make a round column screen



| Items | Flexible Module R-H (Indoor) | | | | Flexible Module R-Pro (Indoor) | | | |
|--|------------------------------|--------|--------|--------|--------------------------------|--------|---------|--------|
| | R1.5 | R1.8 | R2.0 | R2.5 | R1.5 | R1.8 | R2.0 | R2.5 |
| Pixel Pitch (mm) | 1.5 | 1.8 | 2.0 | 2.5 | 1.5 | 1.8 | 2.0 | 2.5 |
| Scan | 1/52 | 1/43 | 1/40 | 1/32 | 1/52 | 1/43 | 1/40 | 1/32 |
| Module Size (mm) | 320*160 | | | | | | | |
| Module Resolution (Dots) | 208*104 | 172*86 | 160*80 | 128*64 | 208*104 | 172*86 | 160*80 | 128*64 |
| Pixel Density (Dots/m ²) | 422500 | 288906 | 250000 | 160000 | 422500 | 288906 | 250000 | 160000 |
| Energy Consumption Level | Grade 1 | | | | | | | |
| Supply Voltage (v) | ≥4.5 | | | | | | | |
| Brightness (cd/m ²) | ≥500 | | ≥400 | | ≥600 | | 500-600 | |
| Color Temperature (k) | 6500~18000 Adjustable | | | | | | | |
| Contrast | ≥5000: 1 | | | | | | | |
| Driving IC | PWM Energy-Saving Driving IC | | | | | | | |
| Gray Scale (Bit) | 12~13 Adjustable | | | | 13~14 Adjustable | | | |
| Refresh Rate (Hz) | 3840 | 3840 | 3840 | 3840 | 4200 | 4200 | 4200 | 4200 |
| Maximum Power Consumption (W/m ²) <small>Just for reference</small> | ≤580 | ≤439 | ≤439 | ≤457 | ≤580 | ≤439 | ≤439 | ≤457 |
| Average Power Consumption (W/m ²) <small>Just for reference</small> | ≤193 | ≤146 | ≤146 | ≤153 | ≤193 | ≤146 | ≤146 | ≤153 |
| Warranty | 1 Year | | | | | | | |

*Depending on the configuration, the parameters are slightly changed

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01 [Product Model]

01 R-H:R1.5, R1.8, R2.0, R2.5 R-Pro:R1.5, R1.8, R2.0, R2.5

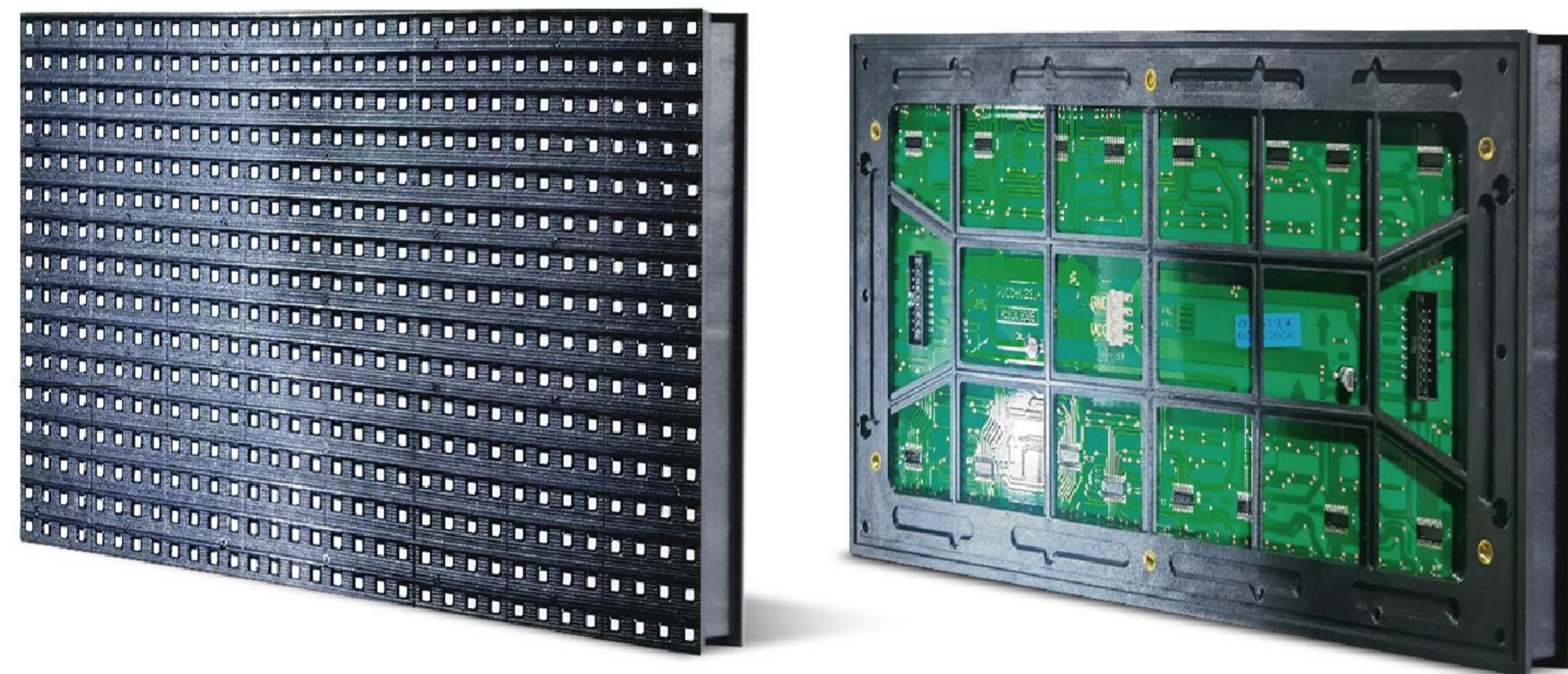
02 [Product Advantages]

- 01 With its flexible module design, the system elevates visual experiences beyond traditional flat displays.
- 02 Four LED modules can be combined to create a cylindrical screen, offering a unique viewing experience.
- 03 The screen's design is sleek and elegant, with a unit board thickness of just 7.5mm, conserving significant installation space.
- 04 Its Deep V-shaped silicone bottom shell adds flexibility to the LED modules, allowing for large-angle displays.
- 05 Equipped with powerful magnetic attachments, the modules are easy to affix and ensure reliable adhesion. Fine-tuning options are available to guarantee a balanced setup.
- 06 High-quality 3M adhesive ensures secure bonding, eliminating risks of degumming or PCB warping for safer use.
- 07 With the ability to easily construct cylindrical, streamer, and wave screens, this system offers unmatched creative flexibility and versatility.

03 [Application]

- 01 Commonly found in locations such as tourist attractions, shopping centers, planning exhibit halls, science and technology museums, art galleries, cultural museums, and creative hubs, among others.

SINGLE COLOR SERIES



| Items | Single Color Series (Outdoor) | |
|---|-------------------------------|--|
| | P10 | |
| Pixel Pitch (mm) | 10 | |
| Scan | 1/4 | |
| Module Size (mm) | 320*160 | |
| Module Resolution (Dots) | 32*16=512Dots | |
| Pixel Density (Dots/m ²) | 10000 | |
| Energy Consumption Level | Grade 1 | |
| Supply Voltage (v) | 4.5V | |
| Brightness (cd/m ²) | 800 | |
| Color Temperature (k) | 6500~18000 Adjustable | |
| Contrast | ≥5000: 1 | |
| Driving IC | Current Driving IC | |
| Gray Scale (Bit) | 8 | |
| Refresh Rate (Hz) | 960 | |
| Maximum Power Consumption (W/m ²) <small>*Just for reference</small> | 308 | |
| Average Power Consumption (W/m ²) <small>*Just for reference</small> | ≤103 | |
| Warranty | 1 Year | |

*Depending on the configuration, the parameters are slightly changed

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01 [Product Module]

- 01 Outdoor P10 Single Color

02 [Product Advantages]

- 01 Featuring customized SMD2835H lamps with a thick base, the system delivers high brightness and a soft display effect.
- 02 The LED lamps are fully potted in resin, offering waterproof and moisture-proof properties along with rapid heat dissipation.
- 03 The PCB comes with a V0-grade flame retardant, ensuring enhanced safety and reliability.
- 04 A specially tailored driver IC is implemented, designed with a simple layout for greater stability and ease of maintenance.
- 05 With a low operating temperature and minimal luminous decay, the system ensures a safer usage experience and an extended lifespan.

03 [Application]

- 01 Commonly utilized in airports for flight notifications, train station ticket counters, banks, docks, buses, government offices, job centers, shopping complexes, educational institutions, auction and tender offices, movie theaters, and entertainment locations. The system is versatile, capable of displaying a range of information including company names, business updates, announcements, and directional guidance.

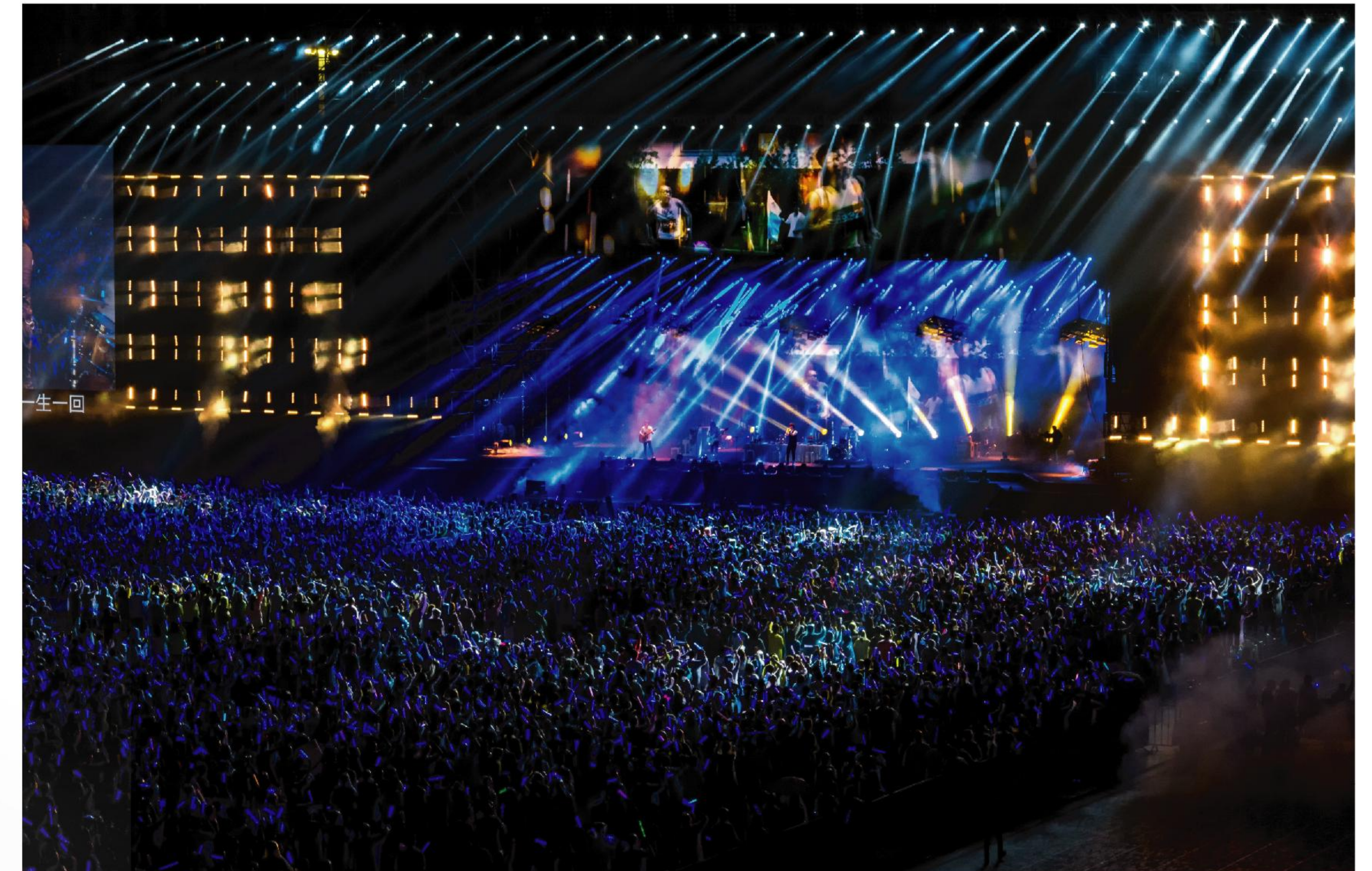
DM SERIES FOR RENTAL CABINET SOLUTION



| Items | DM Series (Indoor) | | DM Series (Outdoor) | |
|---|--|-----------|--|-----------|
| | DM2.6-Pro | DM3.9-Pro | DM3.9-Pro | DM4.8-Pro |
| Pixel Pitch (mm) | 2.6 | 3.9 | 3.9 | 4.8 |
| Scan | 1/24 | 1/16 | 1/16 | 1/13 |
| Cabinet Size (mm) | 500*500 | | 500*500 | |
| Cabinet Resolution (Dots) | 192*192 | 128*128 | 128*128 | 104*104 |
| Pixel Density (Dots/m ²) | 147456 | 65536 | 65536 | 43264 |
| Energy Consumption Level | Grade 1 | | Grade 1 | |
| Supply Voltage (v) | ≥4.5 | | ≥4.5 | |
| Brightness (cd/m ²) | 600 | 600-800 | 3500-4000 | |
| Color Temperature (k) | 6500~18000 Adjustable | | 6500~18000 Adjustable | |
| Contrast | ≥5000: 1 | | ≥5000: 1 | |
| Driving IC | Energy-Saving High Refresh Rate PWM-SS | | Energy-Saving High Refresh Rate PWM-SS | |
| Gray Level (Bit) | ≥13 Adjustable | | ≥13 Adjustable | |
| Refresh Rate (Hz) | ≥4200 | | ≥4200 | |
| Maximum Power Consumption (W/m ²) | ≤675 | ≤675 | ≤720 | ≤720 |
| Average Power Consumption (W/m ²) | ≤225 | ≤225 | ≤240 | ≤240 |
| Warranty | 1 Year | | | |

*Depending on the configuration, the parameters are slightly changed

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01 [Product Module]

- 01 Indoor: DM2.6-Pro, DM3.9-Pro Outdoor: DM3.9-Pro, DM4.8-Pro

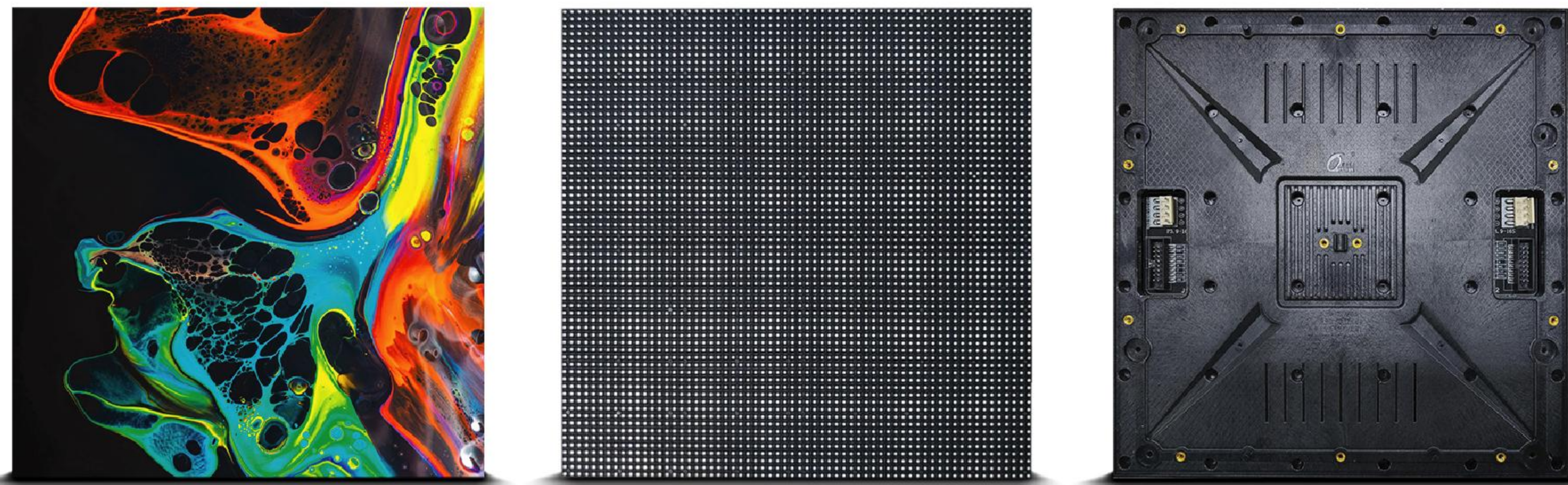
02 [Product Advantages]

- 01 Offering high versatility, the system supports multiple assembly techniques and can be adapted to various cabinet configurations.
- 02 It features universal signal and power interfaces for added convenience.
- 03 The Pro series is equipped with a PWM-SS dual energy-saving driver IC, boasting a 4K refresh rate and eliminating moire effects during photography.
- 04 Operating at a locked state with a 4.5V low voltage power supply, the system is even more energy-efficient.
- 05 To meet basic operational needs, the Pro series also employs a PWM-SS chip.

03 [Application]

- 01 Commonly deployed in settings like information hubs, presentation facilities, command centers, indoor auditoriums, TV production studios, exhibition spaces, movie theaters, governmental offices, conference areas, entertainment venues, educational institutions, healthcare centers, and performing arts venues, among others.

DM SERIES FOR RENTAL MODULE SOLUTION



| Items | DM Series (Indoor) | | DM Series (Outdoor) | |
|----------------------------------|--|-----------|--|-----------|
| | DM2.6-Pro | DM3.9-Pro | DM3.9-Pro | DM4.8-Pro |
| Pixel Pitch (mm) | 2.6 | 3.9 | 3.9 | 4.8 |
| Scan | 1/24 | 1/16 | 1/16 | 1/13 |
| Module Size (mm) | 250*250 | | 250*250 | |
| Module Resolution (Dots) | 96*96 | 64*64 | 64*64 | 52*52 |
| Pixel Density(Dots/m²) | 147456 | 65536 | 65536 | 43264 |
| Energy Consumption Level | Grade 1 | | Grade 1 | |
| Supply Voltage (v) | ≥4.5 | | ≥4.5 | |
| Brightness (cd/m²) | 600 | 600-800 | 3500-4000 | |
| Color Temperature (k) | 6500~18000 Adjustable | | 6500~18000 Adjustable | |
| Contrast | ≥5000: 1 | | ≥5000: 1 | |
| Driving IC | Energy-Saving High Refresh Rate PWM-SS | | Energy-Saving High Refresh Rate PWM-SS | |
| Gray Level (Bit) | ≥13 Adjustable | | ≥13 Adjustable | |
| Refresh Rate (Hz) | ≥4200 | | ≥4200 | |
| Maximum Power Consumption (W/m²) | ≤675 | ≤675 | ≤720 | ≤720 |
| Average Power Consumption (W/m²) | ≤225 | ≤225 | ≤240 | ≤240 |
| Warranty | 1 Year | | | |

*Depending on the configuration, the parameters are slightly changed

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01 [Product Module]

01 Indoor: DM2.6-Pro, DM3.9-Pro Outdoor: DM3.9-Pro, DM4.8-Pro

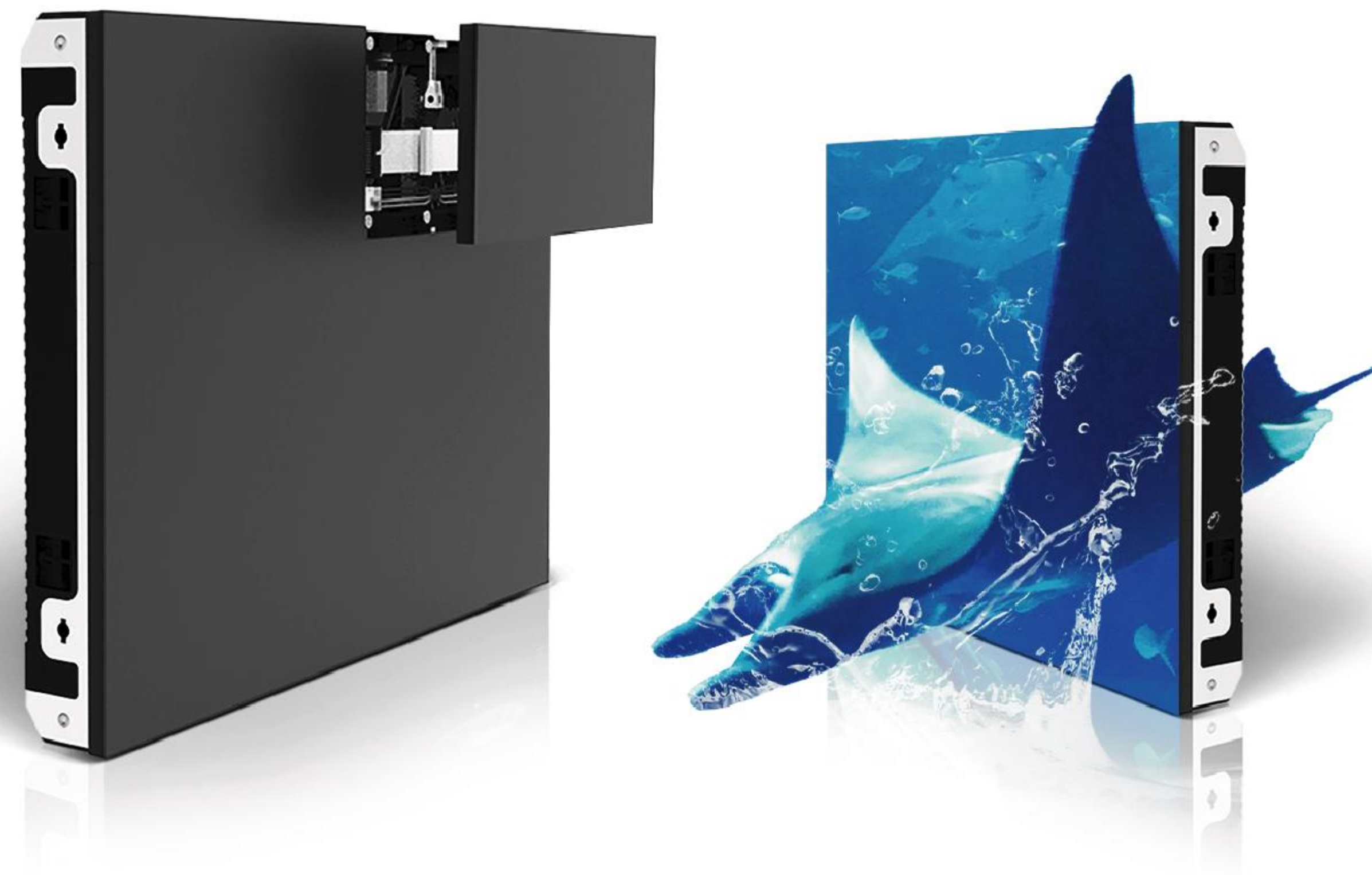
02 [Product Advantages]

- 01 Featuring high adaptability, the system accommodates multiple assembly options and is compatible with various cabinet structures.
- 02 It also comes equipped with universal interfaces for both signals and power.
- 03 The Pro series incorporates a PWM-SS dual energy-saving driver IC, delivering a 4K refresh rate and eliminating moire artifacts in photographs
- 04 It operates in a locked state with a 4.5V low voltage power supply, further enhancing its energy efficiency.
- 05 To satisfy fundamental operational needs, the Pro series also employs a PWM-SS chip.

03 [Application]

- 01 Typically found in venues such as information hubs, presentation spaces, command facilities, indoor auditoriums, television studios, exhibit areas, movie theaters, government offices, meeting rooms, entertainment locations, educational institutions, healthcare facilities, and performing arts centers, among others.

INDOOR FIXED INSTALLATION MG SERIES



| Items | QM-Pro-09 | QM-Pro-0 | QM-Pro-1 | | | | QM-Pro-2 | | | | QM-E | | | | | | | | |
|---------------------------------------|--|--|--|------|------|------|---|------|------|------|------------------|------|------|------|------|------|------|------|------|
| Match Pixel Pitch Module Size (mm) | 0.9 | 1 | 1.2 | 1.3 | 1.5 | 1.6 | 1.5 | 1.8 | 2 | 2.5 | 3.0 | 4 | 1.5 | 1.6 | 1.8 | 2 | 2.5 | 3.0 | 4 |
| Scan | 1/45 | 1/40 | 1/32 | 1/29 | 1/26 | 1/32 | 1/52 | 1/43 | 1/40 | 1/32 | 1/26 | 1/20 | 1/52 | 1/32 | 1/43 | 1/40 | 1/32 | 1/26 | 1/20 |
| Mouldle (W*H) | 2*3 | | | | | | | | | | | | | | | | | | |
| Cabinet Size (mm) | 640*480 | | | | | | | | | | | | | | | | | | |
| Cabinet Frame Material | Aluminium Alloy | | | | | | | | | | | | | | | | | | |
| Cabinet Weight (kg) | 5 | 5 | 5 | | | | 5 | | | | 3.2 (Frame Only) | | | | | | | | |
| Cabinet Flatness (mm/m ²) | < 0.15 | | | | | | | | | | | | | | | | | | |
| Adapter Board Configuration | Hub320 Interface/ Green Adapter Board | Hub320 Interface/ Green Adapter Board | Hub320 Interface/ Green Adapter Board | | | | Hub75 Interface / Blue Adapter Board | | | | / | | | | | | | | |
| Using Environment | Indoor | | | | | | | | | | | | | | | | | | |

*Depending on the configuration, the parameters are slightly changed

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01 [Product Module]

- 01 QM-Pro-09, QM-Pro-0, QM-Pro-1, QM-Pro-2, QM-E

02 [Product Advantages]

- 01 Front-facing serviceability eliminates the need for additional repair space, saving up to 70% in installation area.
- 02 The system supports custom control cards and backup power solutions.
- 03 Modules and cabinets are designed to be assembled independently, allowing for flexible configurations.
- 04 The result is a seamless display with a mirror-like flatness.
- 05 Upgrades are simplified; the existing cabinet and structure remain intact while only the module needs to be replaced, making the upgrade process straightforward and efficient.

03 [Application]

- 01 Commonly utilized in settings like indoor auditoriums, conference centers, educational institutions, airports, exhibition spaces, TV studios, monitoring hubs, and command facilities, among others.

INDOOR FIXED INSTALLATION DA-I CABINET



| Items | DA-I (Indoor) | | | | | | | |
|-----------------------------|--|--------|--------|--------|------|--------|--------|------|
| | Q/S1.2 | Q/S1.5 | Q/S1.6 | Q/S1.8 | Q/S2 | Q/S2.5 | Q/S3.0 | Q/S4 |
| Scan | 1/32 | 1/26 | 1/32 | 1/43 | 1/40 | 1/32 | 1/26 | 1/20 |
| Module (W*H) | 2*3 | | | | | | | |
| Module Size (mm) | 320*160 | | | | | | | |
| Supply Voltage (v) | 4.5V | | | | | | | |
| Cabinet Area (sqm) | 0.3072m² | | | | | | | |
| Cabinet Weight | 3.70Kg (Cabinet Frame Only), 7.8Kg (Complete Set Cabinet) | | | | | | | |
| Control Way | Computer Control , Video Synchronization, Real-Time Display | | | | | | | |
| Flatness | < 0.15mm | | | | | | | |
| Cabinet Power Configuration | 4.5V/50A/40A | | | | | | | |
| Operating Environments | Indoor | | | | | | | |
| Cabinet Structure | Aluminium Alloy | | | | | | | |
| Cabinet Size (W*H*D) | 640mm*480mm*45mm | | | | | | | |
| Protecting Performance | Over-Temperature/Overload/Power-Down/Image Compensation/Various Correction Techniques/Over-Current/Over-Voltage/Lightning Protection(Optional) | | | | | | | |
| Working Temperature | -20 ~ 40°C | | | | | | | |
| Working Humidity | 10% - 65%RH | | | | | | | |

*Depending on the configuration, the parameters are slightly changed

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01 [Product Module]

- 01 Indoor (DA-I) : Q/S1.2, Q/S1.5, Q/S1.6, Q/S1.8, Q/S2, Q/S2.5, Q/S3.0, Q/S4

02 [Product Advantages]

- 01 Compatible with all 320*160mm outdoor modules, the system is easy to install and replace.
- 02 Its streamlined cabinet structure allows for quick locking and assembly.
- 03 The system accommodates custom control cards and offers flexible power supply options.
- 04 Made from ultra-lightweight materials, it's well-suited for a variety of outdoor environments.

03 [Application]

- 01 Common uses are outdoor promotional platforms, governmental and corporate initiatives, cultural tourism sites, sports arenas, commercial properties, and entryway signage.

OUTDOOR FIXED INSTALLATION MG-O CABINET



| Items | MG-O (Outdoor) | | | | | | | |
|-----------------------------|--|--------|--------|------|------|---------|------|-------|
| | Q/S2 | Q/S2.5 | Q/S3.0 | Q/S4 | Q/S5 | Q/S6.66 | Q/S8 | Q/S10 |
| Scan | 1/20 | 1/16 | 1/13 | 1/10 | 1/8 | 1/6 | 1/5 | 1/2 |
| Module (W*H) | 3*6 | | | | | | | |
| Module Size (mm) | 320*160 | | | | | | | |
| Supply Voltage (v) | 4.5V | | | | | | | |
| Cabinet Area (sqm) | 0.9216m² | | | | | | | |
| Cabinet Weight | 12.9kg (Cabinet Frame Only)/29.7kg (Complete Set Cabinet) | | | | | | | |
| Control Way | Computer Control , Video Synchronization, Real-Time Display | | | | | | | |
| Flatness | < 0.6mm | | | | | | | |
| Cabinet Power Configuration | 4.5V/80A | | | | | | | |
| Operating Environments | Outdoor | | | | | | | |
| Cabinet Structure | Magnesium Alloy | | | | | | | |
| Cabinet Size (W*H*D) | 960mm*960mm*104.5mm (Thickness Includes Module 9And Cabinet) / 60mm*960mm*169.5mm (Thickness Includes Module, Cabinet And Connecting Piece) | | | | | | | |
| Protecting Performance | Overheat/Overload/Electricity Leakage/Image Compensation/ Image Correction/Over-Current/Over-Voltage/Thunder-Proof(Selective) | | | | | | | |
| Working Temperature | -20~40°C | | | | | | | |
| Working Humidity | 10%-90%RH | | | | | | | |

*Depending on the configuration, the parameters are slightly changed

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01 [Product Module]

- 01 Outdoor(MG-O): Q/S2, Q/S2.5, Q/S3.0, Q/S4, Q/S5, Q/S6.66, Q/S8, Q/S10

02 [Product Advantages]

- 01 Designed to be compatible with all outdoor 320*160mm modules, the system is simple to install and swap out.
- 02 Featuring a sleek and complete cabinet design, it allows for quick locking and assembly.
- 03 The system is customizable, supporting tailored control cards and offering a range of power supply choices.
- 04 Constructed from ultra-light materials, it's ideal for a wide variety of outdoor settings.

03 [Application]

- 01 Common uses are outdoor promotional platforms, governmental and corporate initiatives, cultural tourism sites, sports arenas, commercial properties, and entryway signage.

PERIMETER LED SCREEN SERIES



| Items | Q-Pro Series (Outdoor) | | | S Series (Outdoor) | | |
|--|--------------------------|-------|-------|--|-------|-------|
| | Q5 | Q6.6 | Q8 | S5 | S6.6 | S8 |
| Pixel Pitch (mm) | 5 | 6.6 | 8 | 5 | 6.6 | 8 |
| Scan | 1/8 | 1/6 | 1/5 | 1/8 | 1/6 | 1/5 |
| Module Size (mm) | 320*160 | | | 320*160 | | |
| Module Resolution (Dots) | 64*32 | 48*24 | 40*20 | 64*32 | 48*24 | 40*20 |
| Pixel Density (Dots/m ²) | 40000 | 22500 | 15625 | 40000 | 22500 | 15625 |
| Energy Consumption Level | Grade 1 | | | Grade 1 | | |
| Supply Voltage (v) | ≥4.5 | | | ≥4.5 | | |
| Brightness (cd/m ²) | 4500-5000 | | | 6000-7000 | | |
| Color Temperature (k) | 6500~18000 Adjustable | | | 6500~18000 Adjustable | | |
| Contrast | ≥5000: 1 | | | ≥5000: 1 | | |
| Driving IC | Energy-Saving Driving IC | | | Energy-Saving High Refresh Rate PWM-SS | | |
| Gray Scale (Bit) | 12~13 Adjustable | | | ≥14 Adjustable | | |
| Refresh Rate (Hz) | ≥3840 | | | ≥4200 | | |
| Maximum Power Consumption (W/m ²) <small>Just for reference</small> | ≤836 | ≤892 | ≤866 | ≤836 | ≤946 | ≤866 |
| Average Power Consumption (W/m ²) <small>Just for reference</small> | ≤279 | ≤297 | ≤289 | ≤279 | ≤316 | ≤289 |
| Warranty | 1 Year | | | | | |

*Depending on the configuration, the parameters are slightly changed

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01 [Product Module]

- 01 Q5, Q6.6, Q8/S5, S6.6, S8

02 [Product Advantages]

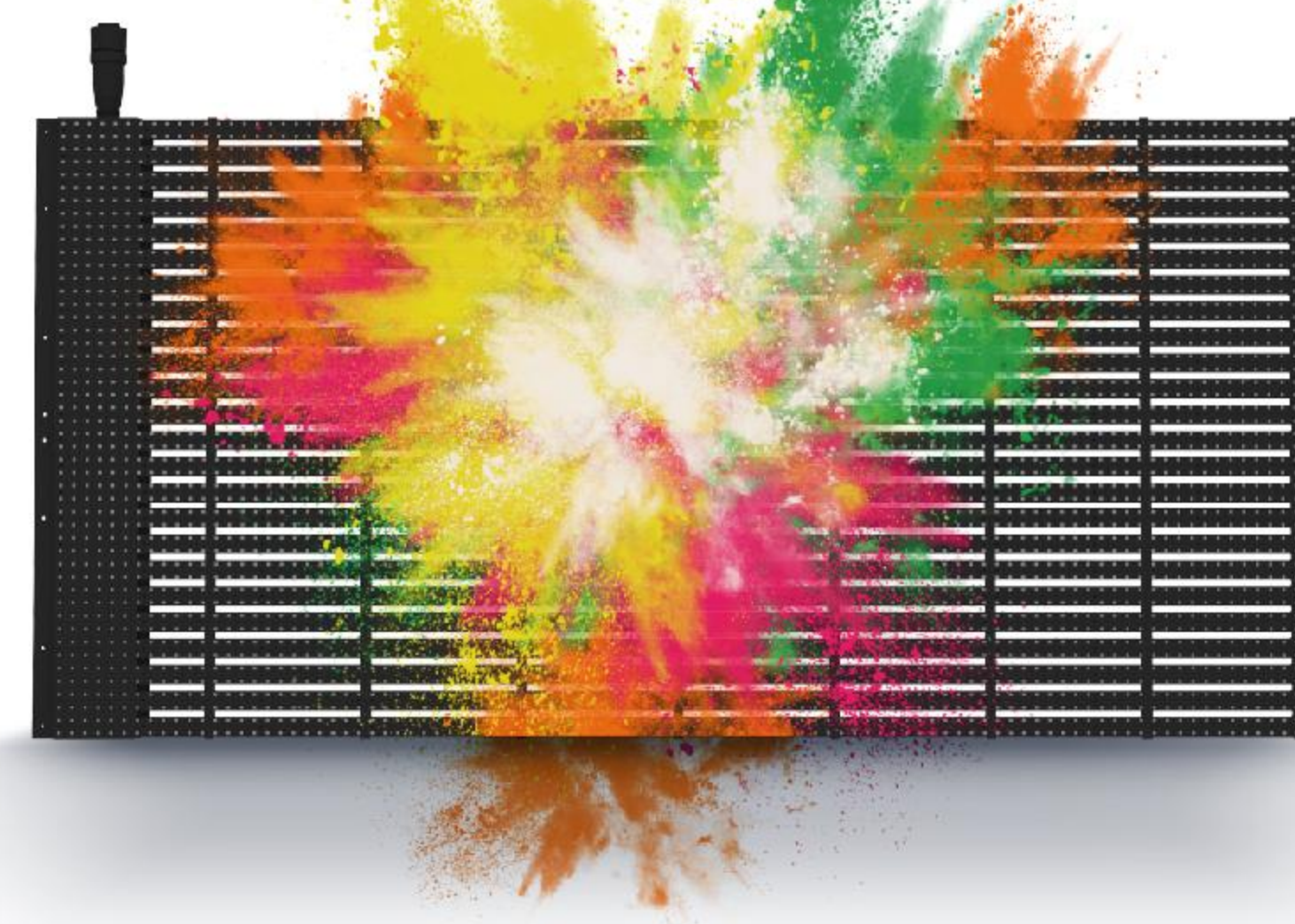
- 01 Incorporating a PWM-SS dual energy-saving driver IC, the system offers a 4K refresh rate and ripple-free photography. It also supports a low starting voltage of 4.5V for enhanced energy efficiency.
- 02 Operational at a 4.5V low voltage, the system is designed for energy conservation.
- 03 The IC transistors feature ample spacing, high overcurrent capacity, excellent voltage resistance, and are built through a mature manufacturing process for enhanced stability and performance.
- 04 Designed to complement MG cabinets, the system supports DIY customization, standalone installations, and comprehensive front-end maintenance.

03 [Application]

- 01 Commonly employed in outdoor recreational areas.

TRANSPARENT SCREEN SERIES

Grille Screen



Transparent Screen



| Items | Transparent Screen Series (Indoor) | | | Transparent Screen Series (Outdoor) |
|--|------------------------------------|---------|-----------|-------------------------------------|
| | JS3.9 | JS7.8 | JS10.4 | CT10.4 |
| Pixel Pitch (mm) | 3.9*7.8 | 7.8*7.8 | 10.4*10.4 | 10.4 |
| Scan | 1/4 | 1/4 | 1/2 | 1/2 |
| Pixel Density (s/m²) | 32768 | 16384 | 9216 | 9216 |
| Module Resolution (Dots) | 16384 | 8192 | 4608 | 1152 |
| Brightness (cd/m²) | 5500 | 6500 | | 4500 |
| Transparency | >70% | | >80% | >60% |
| Angle Of View | 160° | | | 140 |
| Gray Scale (Bit) | 16 | | | 14 |
| Scanning Method | 4 | | 2 | 3 |
| Refresh Rate (hz) | 3840 | | | 3840 |
| Change Frame Frequency (Hz) | 60 | | | 60 |
| Maintenance Method | Back Maintainance | | | Front And Back Maintainance |
| Heat (w) | 70 | 65 | | 80 |
| Maximum Power Consumption (W/m²) <small>*unit for reference</small> | 720 | | | 800 |
| Degree Of Protection | IP4X | | | IP65 |
| Working Environment | -20°~45° | | | -30°~50° |
| Weight (Kg/m²) | 14 | | 13.5 | 15 |

*Depending on the configuration, the parameters are slightly changed

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01 [Product Module]

01 Indoor: JS3.9, JS7.8, JS10.4 Outdoor: CT10.4

02 [Product Advantages]

- 01 Utilizing a PWM-SS dual energy-saving driver IC, the system delivers a 4K refresh rate and eliminates water ripples in photographs.
- 02 It also supports a low 4.5V voltage for dynamic screen standby, further enhancing energy efficiency.
- 03 The integrated circuit transistors are designed with ample spacing, high over-current capacity, excellent voltage resistance, and are manufactured through a mature process, contributing to overall stable performance.
- 04 It supports do-it-yourself customization, independent installation, and offers complete front-side maintenance.
- 05 A 140° viewing angle ensures an optimal visual experience from various perspectives.
- 06 These are high-end products suited for a range of applications.

03 [Application]

- 01 Commonly found in settings like indoor auditoriums, television studios, expo centers, movie theaters, governmental offices, conference facilities, entertainment spots, educational institutions, healthcare centers, and performing arts venues, these products hold a prominent role in these sectors.