



SPORTS VENUE

LED DISPLAY SOLUTION

Delivering Engaging Visuals that Maximize Event and Business Value

What Chainzone Offers

Chainzone deliver a complete visual system designed to captivate audiences from the moment they approach the stadium to the final whistle. Our integrated LED display solutions—**including perimeter, ribbon, scoreboard, centerhung display, etc.**—work in harmony to create an immersive atmosphere, amplify excitement, and unlock powerful commercial value for your venue.

Features



Excellent Visual Performance

- 7,680Hz high refresh rate
- 16-bit grayscale
- Wide viewing angle



Comprehensive Safety Integration

- Athlete & display protection
- Emergency gates design



Always-On Performance

- All-weather durability
- Dual power and signal redundancy

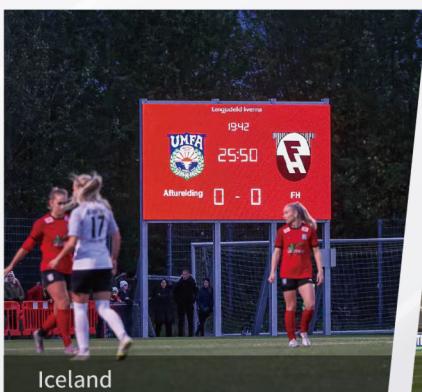
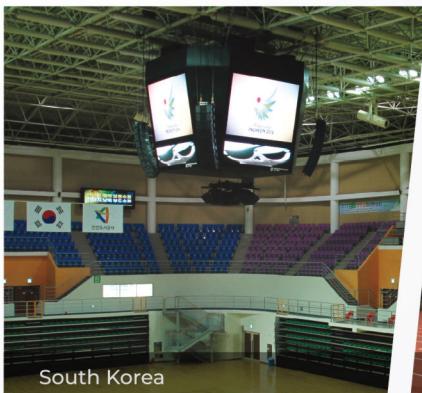


Easy & Flexible Installation

- Simple and fast assembly structure
- Quick-swap modules



Cases



Perimeter U

Stadium Perimeter LED Display

PM U Series: PM U-6.67 | PM U-10



UEFA COMPLIANT



Benefits



Smooth & Blur-Free Performance

- 7,500 nits brightness
- 16-bit grayscale
- 7,680 Hz refresh rate
- 160°/110° viewing angle



Full-Dimension Safety Protection

- Soft protection pad and soft rubber mask provide reassurance against player injury.
- Emergency gates open rapidly in 5 seconds.



Time-Efficient Installation

- Fast-lock connections, handle and quick-deploy rotating foot design for streamlined installation.
- One-touch docking power and signal connectors enable rapid installation to save time.

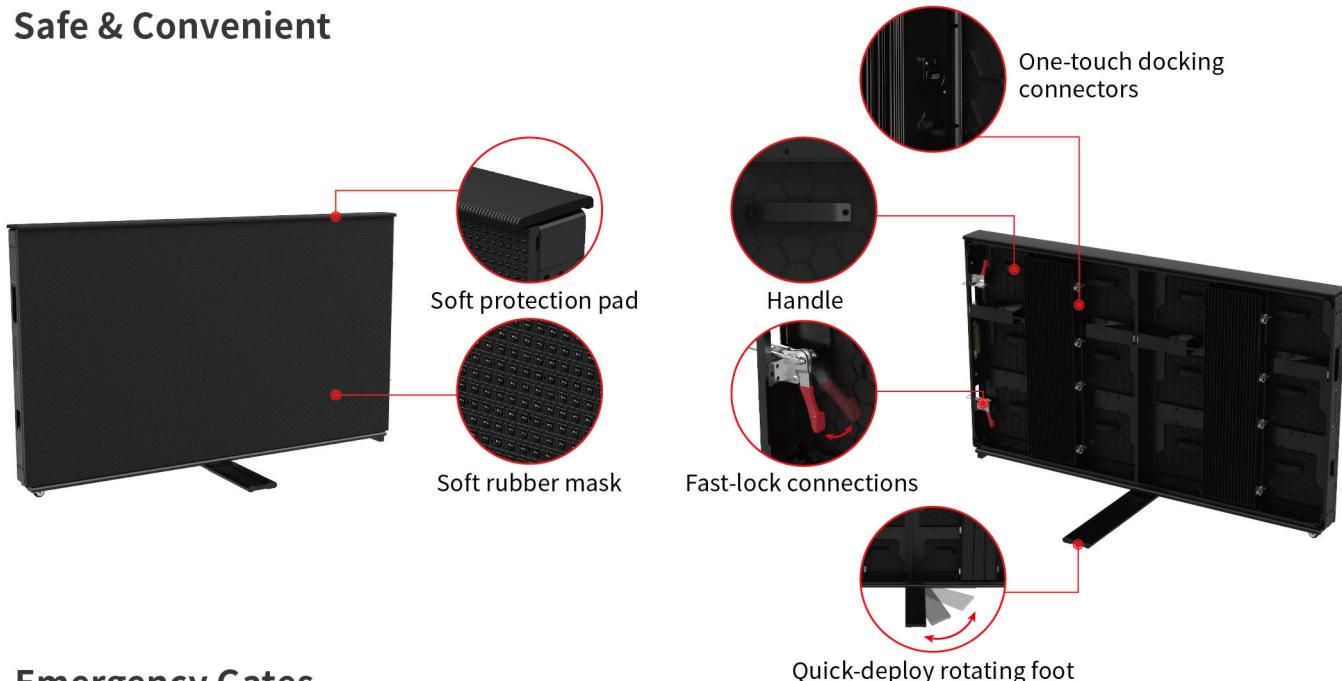


Always-On Operational Assurance

- IP65 rated for stable performance in any weather.
- Dual power and signal backups for uninterrupted performance.
- The RCD configuration for individual cabinet power-off maintenance.

Benefits

Safe & Convenient



Emergency Gates



Specifications

| Model | PM U-6.67 | PM U-10 |
|--|-----------|---------|
| Pixel Pitch (mm) | 6.67 | 10 |
| Pixel Configuration | SMD | |
| Module Size (mm) (W x H) | 400×300 | |
| Module Resolution (pixels) (W x H) | 240×135 | 160×90 |
| Cabinet Size (mm) (W x H) | 1600×900 | |
| Weight (kg/m ²) | 30 | |
| Viewing Angle (H/V) | 160°/110° | |
| Brightness (cd/m ²) ^{①②} | 7,500 | |
| Power Consumption Max. / Avg. (W/m ²) ^② | 650/220 | |
| IP Rating | IP65 | |
| Grey Level (bit) | 16 | |
| Refresh Frequency (Hz) | 7,680 | |
| Maintenance | Rear | |

①: Base on different hardware specification.

②: Theoretical values only. All specifications are subject to the actual product.

LED Ribbon Display

Next-Gen Ultra-Slim



Key Features



Top Maintenance



Ultra Slim&Lightweight



8000 Nits High Brightness

7680Hz

7680 High Refresh Rate



16-Bit High Gray Scale



Wide Viewing Angle



Signal Backup

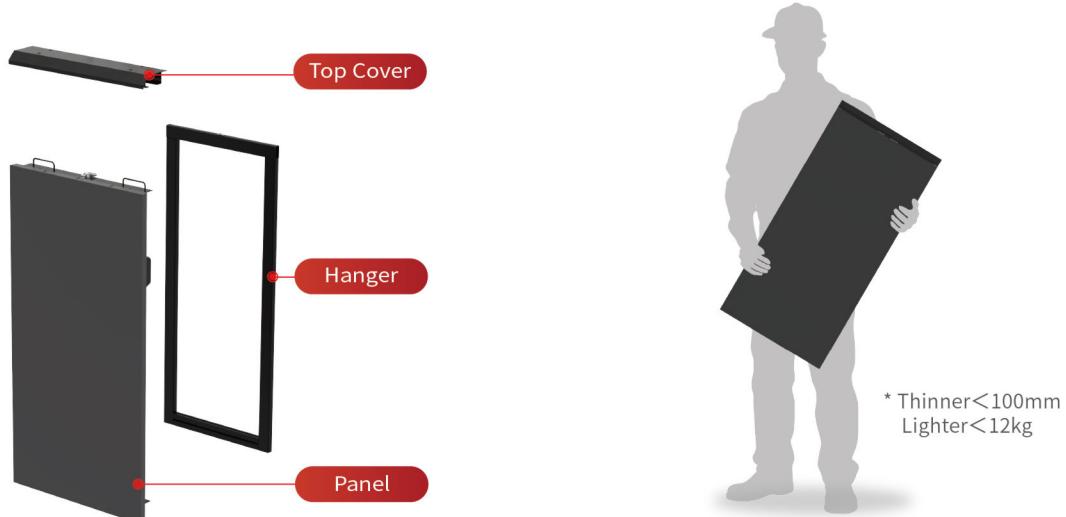


Zero Operation Noise

Benefits

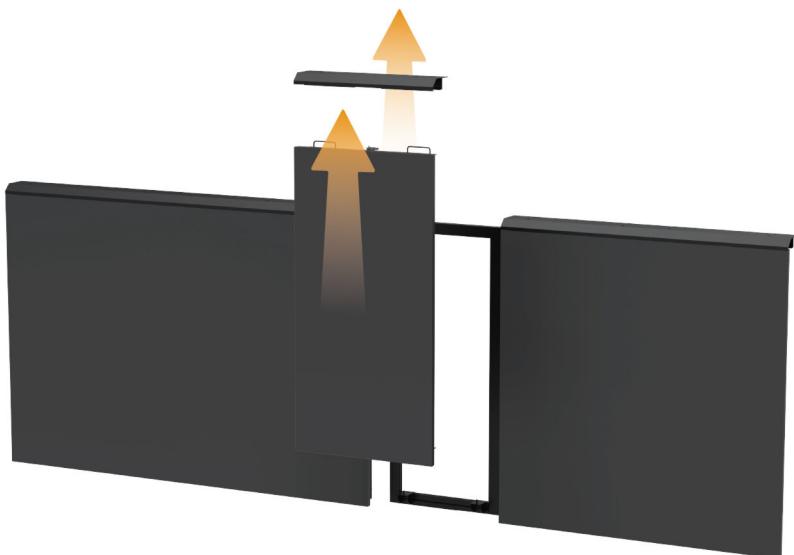
Hassle-Free Assembly

- Bottom precision positioning pins and top quick-lock system ensure high installation accuracy.
- Ultra slim and lightweight supports single-person maintenance for reducing labor and transportation costs.



TOP Maintenance

- The panel features a pull-out design, enabling fast and convenient maintenance.

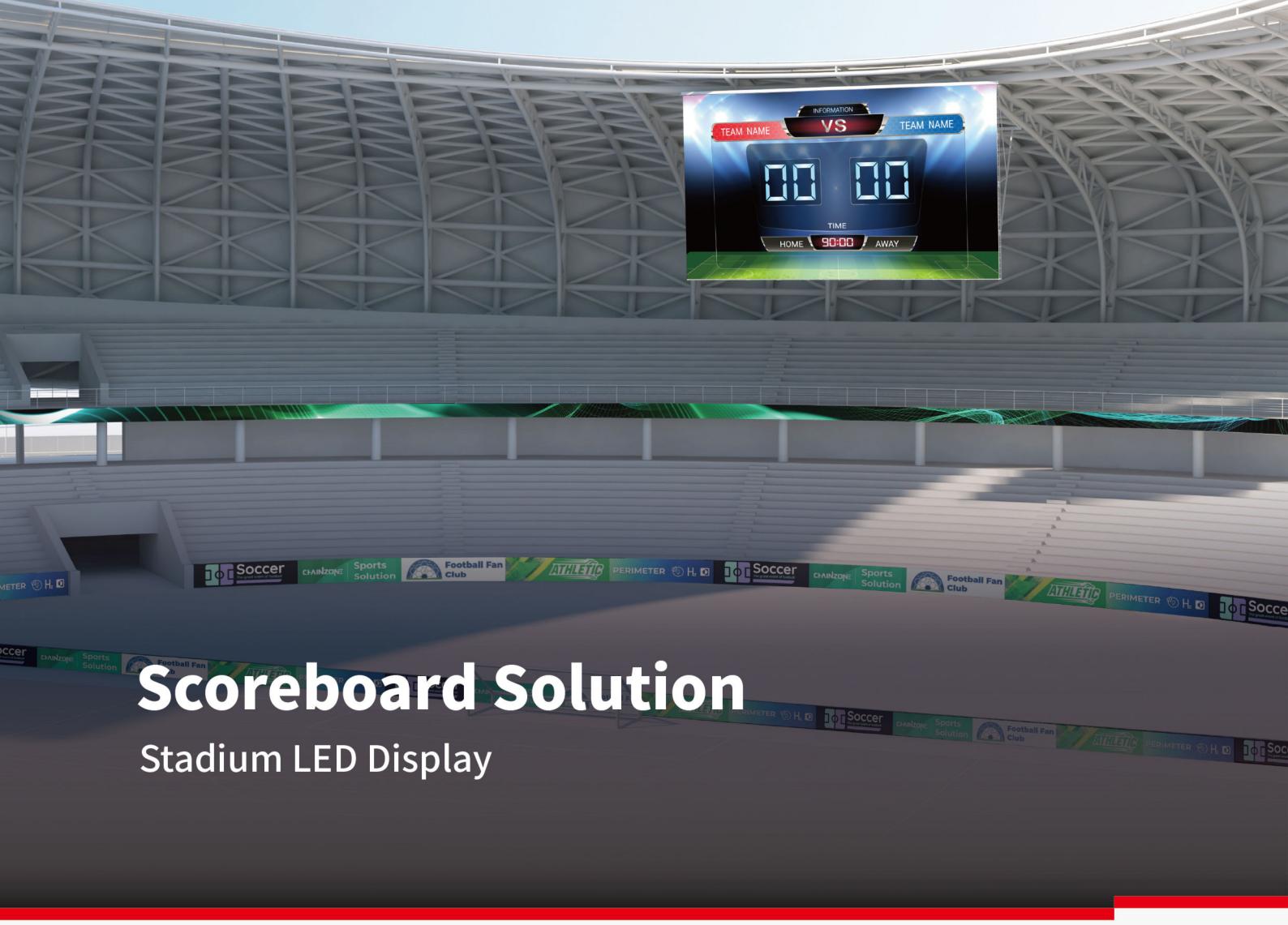


Specifications

| Item | Specifications | | |
|------------------------------------|-------------------|--------------|-------------|
| Pixel Pitch (mm) | 6.94 | 8.33 | 10.4 |
| Pixel Configuration | SMD | | |
| Module Size (mm) (W×H) | 125×1,000/125×750 | | |
| Module Resolution (pixels) (W × H) | 18×144/18×108 | 15×120/15×80 | 12×96/12×64 |
| Cabinet Size (mm) (W×H) | 500×1,000/500×750 | | |
| Weight (kg/m ³) | <25 | | |
| Viewing Angle (H/V) | 160°/100° | | |
| Brightness (cd/m ²) ①② | 8,000 | | |
| Refresh Frequency (Hz) | 7,680 | | |
| Maintenance | TOP | | |

①: Base on different hardware specification.

②: Theoretical values only. All specifications are subject to the actual product.



Scoreboard Solution

Stadium LED Display

Benefits

- Deliver an integrated solution combining scoring software, control hardware, and displays for rapid deployment.
- Support customized solution layouts for football, baseball, basketball,etc.
- High brightness, contrast and refresh rate ensure clear visibility for both live spectators and broadcast cameras.
- Always-on reliability and redundancy design ensure continuous operation during events.
- Offer high compatibility with mainstream timing systems, match management platforms, and third-party controls.

Specifications

| Optional Production Series | EXL, E4 pro, E4H, V-plus |
|---|--------------------------|
| Pixel Pitch (mm) | 6, 8, 10, 16 |
| Weight (kg/m ²) | 27~30 |
| Viewing Angle (H) | 160° |
| Viewing Angle (V) | 70°~77° |
| Brightness (cd/m ²) ①② | 6,000~10,000 |
| Power Consumption Max.(W/m ²) ② | 600~700 |
| Power Consumption Avg.(W/m ²) ② | 180~200 |
| IP Rating | IP65 |
| Grey Level (bit) | 14~16 |
| Refresh Frequency (Hz) | 3,840 / 7,680 |
| Maintenance | Rear |

①: Base on different hardware specification.

②: Theoretical values only. All specifications are subject to the actual product.

Cases



U.K.



South Korea



USA



Iceland



Hongkong,China



Japan



Company Profile

Established in 2000, Chainzone Technology (Foshan) Co., Ltd. ("CHAINZONE") specialises in two core fields: LED Traffic Signs and LED Displays. Our business specialises in a range of professional applications, including highway guidance systems, outdoor advertising, commercial displays, sports stadiums, retail, conference displays and large-scale creative displays.

With more than 10,000 global project cases and solutions deployed across 120+ countries, we are committed to delivering cutting-edge digital information interaction solutions to our global client base.



10000+
Global Cases



120+ Countries
/Regions Served



7×24
Service



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