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
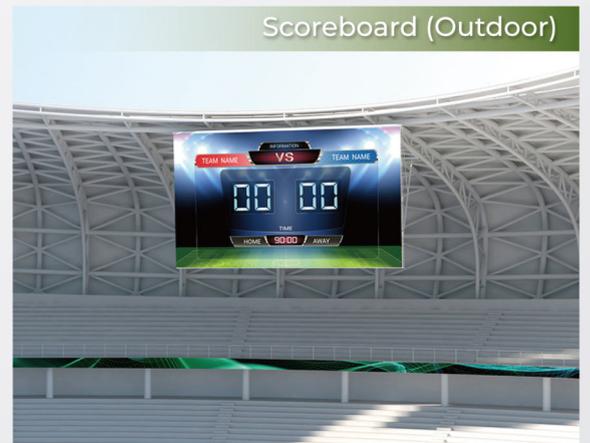- Simple and fast assembly structure
- Quick-swap modules

Centerhung Display

Ribbon

Perimeter

Scoreboard (Outdoor)

Billboard

Ticket Window

Street Furniture

Germany

Belgium

South Korea

HongKong, China
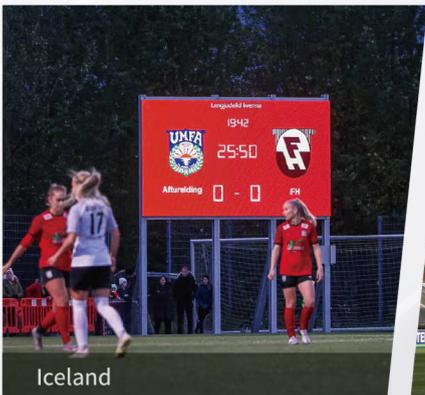

Japan

France

Turkey

Iceland

U.K.

Netherlands

CHAINZONE

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.
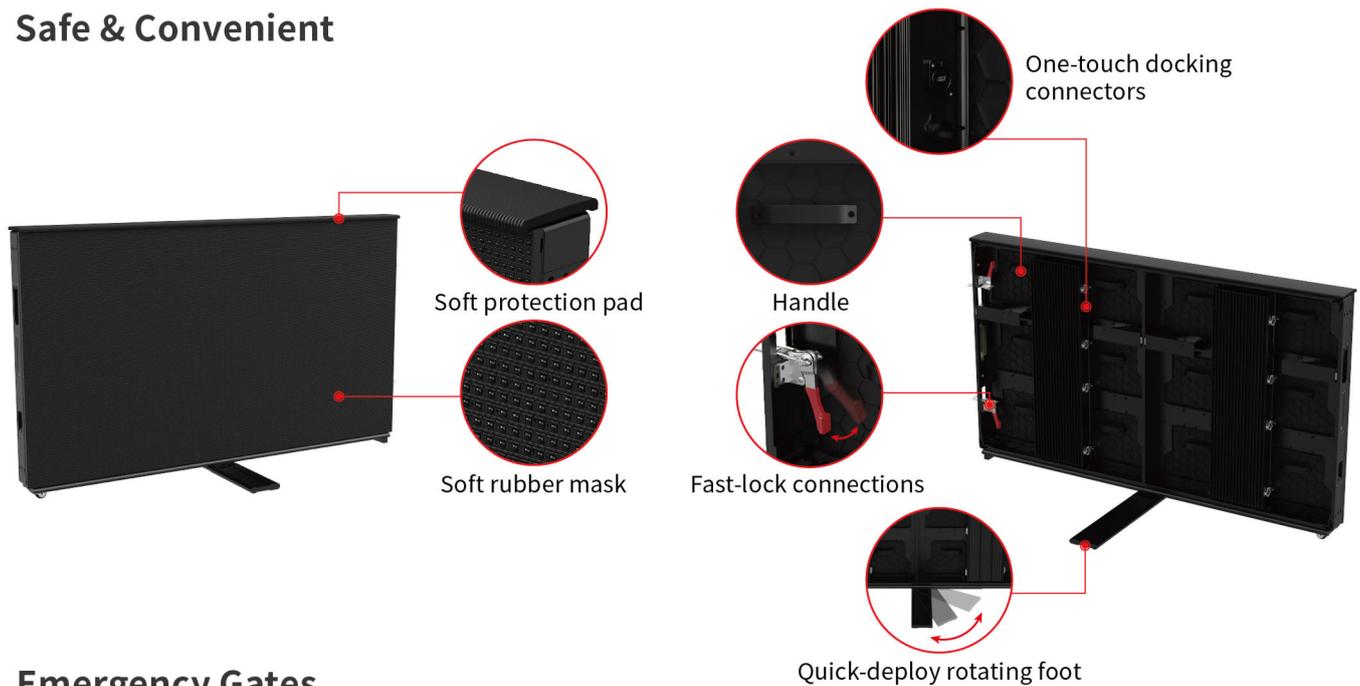
Always-On Operational Assurance

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

Benefits

Safe & Convenient

Soft protection pad

Soft rubber mask

Handle

Fast-lock connections

One-touch docking connectors

Quick-deploy rotating foot

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×H)	1600×900	
Weight (kg/㎡)	30	
Viewing Angle (H/V)	160°/110°	
Brightness (cd/㎡) ①②	7,500	
Power Consumption Max. / Avg. (W/㎡) ②	650/220	
IP Rating	IP65	
Grey Level (bit)	16	
Refresh Frequency (Hz)	7,680	
Maintenance	Rear	

①: Base on different hardware sepcification.
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

7680H_z
7680 High Refresh Rate

16-Bit High Gray Scale

160°
Wide Viewing Angle

Signal Backup

Zero Operation Noise

www.chainzone.com
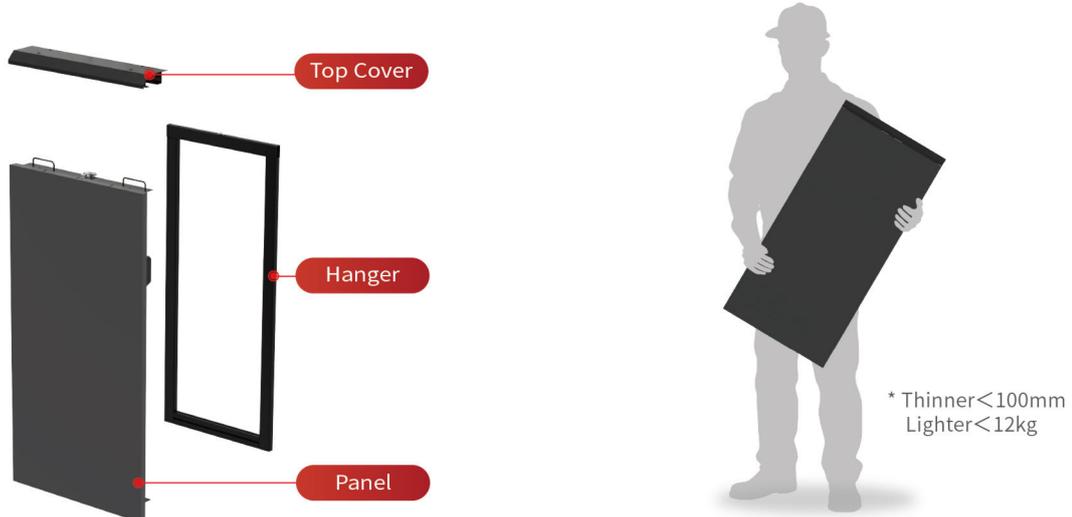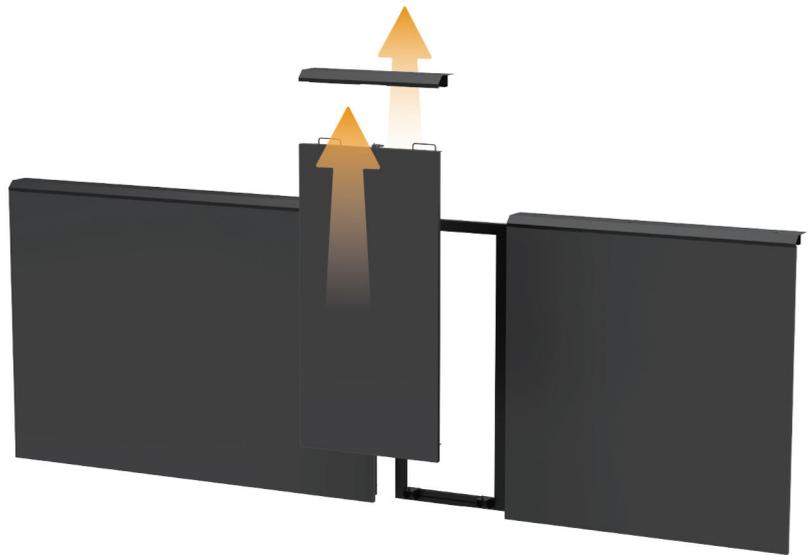
Benefits

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 Cover

Hanger

Panel

* Thinner＜100mm
  Lighter＜12kg

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/㎡)	＜25		
Viewing Angle (H/V)	160°/100°		
Brightness (cd/㎡) ①②	8,000		
Refresh Frequency (Hz)	7,680		
Maintenance	TOP		

①: Base on different hardware sepcification.
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CHAINZONE

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/㎡)	27~30
Viewing Angle (H)	160°
Viewing Angle (V)	70°~77°
Brightness (cd/㎡) ①②	6,000~10,000
Power Consumption Max.(W/㎡) ②	600~700
Power Consumption Avg.(W/㎡) 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 sepcification.
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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

7x24 Service

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