# W SERIES

- Indoor & Outdoor Multifunctional Rental LED DIsplay
- Front & Rear Maintenance and Service
- Different Pixel Pitches P2.6/P2.9/P3.9/P4.81
- Support Seamless Curvy Locks
- Concave & Convex

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## 01 High Performance Rental Panel

WA Series is light and slim and has many improved and user-friendly design in detail, to complete more creative installation for indoor and outdoor applications. This screen has high protective level, high grade precious led cabinet, with front and back service options for quickly and easy maintenance.

500mm x 500mm

500mm x 1000mm

## 02 Expanded Overview

Top Handle

Corner Protection Form

Fast Lock

Fast Lock

Power Connector

Power Connector

Handle

Power Port Gauge

Signal Port

Signal Port

Connection Hole

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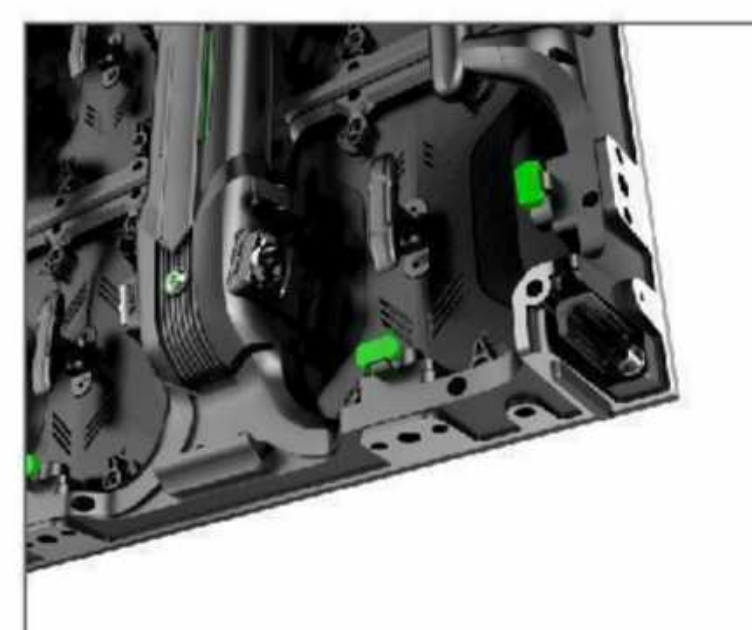
**HuaKe**

## Easy Setup and Dismantling 03

Separate & Exchangeable Power and tile Unit
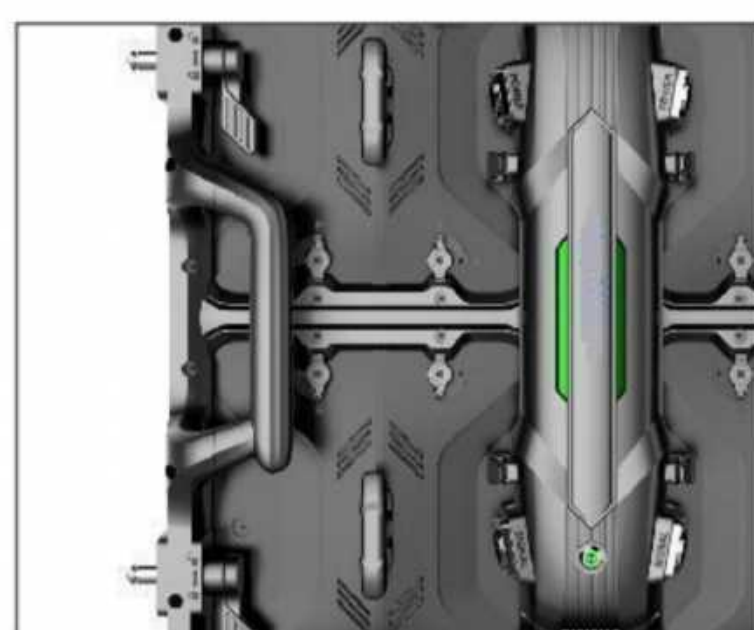
Hooking Fast Lock One Hand Operation
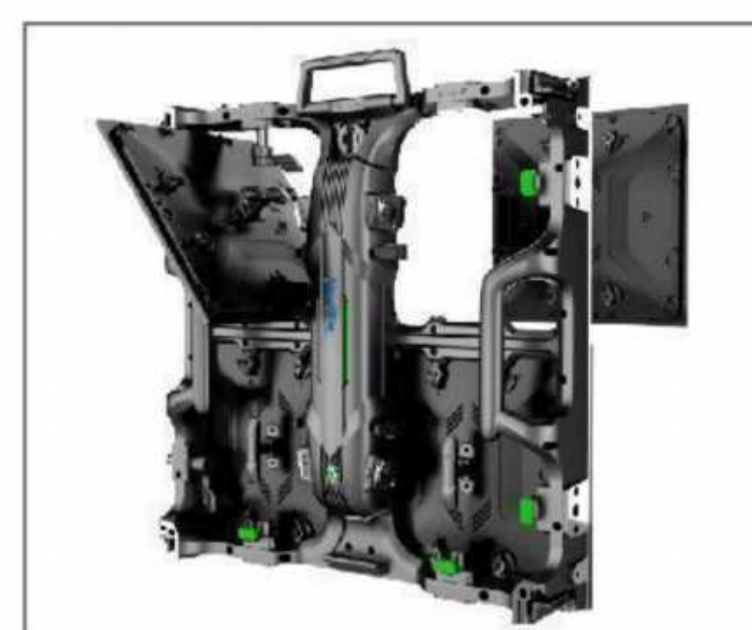
Optional Protective Foam Design

High IP rating for Outdoor Rental

Embedded Indoor LED Module

User-friendly Designs Carry Handles

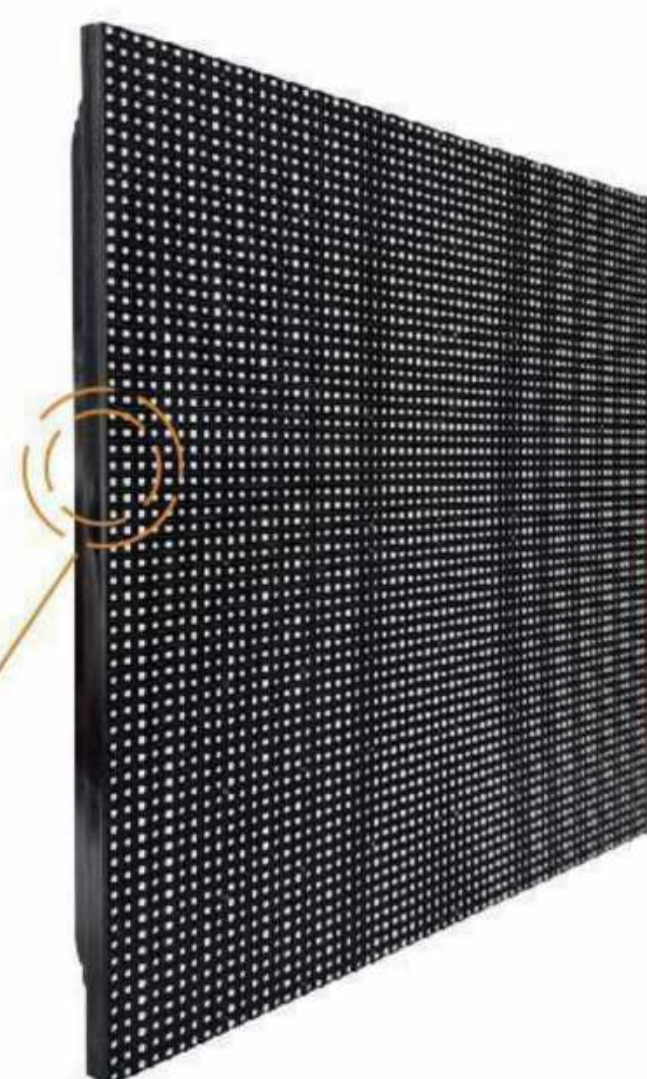Front and Rear Maintenance Available

Quickly Front Service

## 04 Multiple Pixel Pitches for Indoor and Outdoor

Broadside waterproof interface

Ultra thin wall thickness
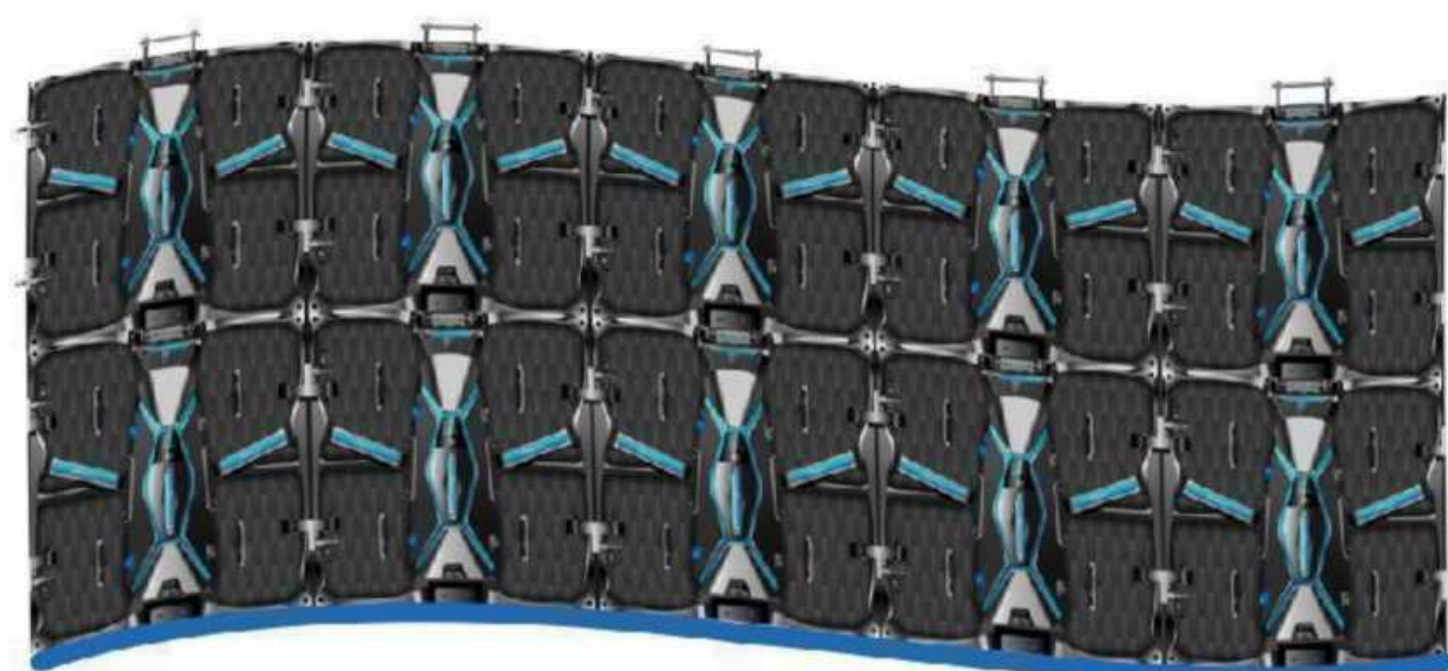
Outdoor Embedded Module

Indoor  2.6mm  2.9mm  3.9mm

Outdoor  2.6mm  2.9mm  3.9mm  4.81mm

## Flexibly For Rental & Fixed Installation 05

Concave and convex angel can reach to ±2.5° & ±5°

Seemless Quicker Rental Installation

Hanging and Stacking Application System

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| SPECIFICATIONS | Indoor Stage Rental | | |
|---|---|---|---|
| Model Number | WA261 | WA291 | WA391 |
| Pixel Pitch(mm) | 2.604mm | 2.976 mm | 3.91mm |
| Pixel Density(dots/㎡) | 147456 | 112896 | 65536 |
| LED Configuration | SMD1515 | SMD2020/1515 | SMD2020 |
| Module Resolution  (dots) | 96 x 96 | 84 x 84 | 64 x 64 |
| Panel Resolution (dots) | 192 x 192 | 168 x 168 | 128 x 128 |
| Module Dimension (WxH ) (mm) | 250 x 250 mm | 250 x 250 mm | 250 x 250 mm |
| Module Dimension (WxH ) (inch) | 9.84 x 9.84 in | 9.84 x 9.84 in | 9.84 x 9.84 in |
| Panel Dimension(WxHxD) (mm) | 500 x 500 x 85 | 500 x 500 x 85 | 500 x 500 x 85 |
| Panel Material | Die Cast Aluminum | Die Cast Aluminum | Die Cast Aluminum |
| Panel Module Composition | 2 x 2 | 2 x 2 | 2 x 2 |
| Panel Weight(Per/kg) | 7.5kg | 7.5kg | 7.5kg |
| Module Weight(Per/kg) | 0.56kg | 0.56kg | 0.56kg |
| Color Processing(bit) | 256 | 256 | 256 |
| Gray Level | ≥12bit | ≥12bit | ≥14bit |
| Refresh Rate(Hz) | ≥3840hz | ≥3840hz | ≥3840hz |
| Driving Mode(Scan) | 1/32 | 1/28 | 1/16 |
| Brightness(nit) | ≥800 | ≥800 | ≥900 |
| Viewing Angle (H/V) | 140/140 | 140/140 | 140/140 |
| Input Voltage(V) | AC110-220V±10% | AC110-220V±10% | AC110-220V±10% |
| Input Power Frequency(Hz) | 60 | 60 | 60 |
| Max Power (W/㎡) | ≤500 | ≤500 | ≤500 |
| Average Power (W/㎡) | ≤170 | ≤170 | ≤170 |
| Storage Temperature(C) | From -10 to 50 | From -10 to 50 | From -10 to 50 |
| Operating Temperature(C) | From 0 to 40 | From 0 to 40 | From 0 to 40 |
| Storage Humidity | 10-90% RH | 10-90% RH | 10-90% RH |
| Operating Humidity | 10-90% RH | 10-90% RH | 10-90% RH |
| IP Rating | IP30/IP30 | IP30/IP30 | IP30/IP30 |
| Lifetime(hrs) | 100000 | 100000 | 100000 |
| Usage Environment | Indoor Stage Rental | Indoor Stage Rental | Indoor Stage Rental |
| Panel Maintenance Method | Front & Rear | Front & Rear | Front & Rear |

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| SPECIFICATIONS | Outdoor Stage Rental | | |
|---|---|---|---|
| Model Number | WA290 | WA390 | WA480 |
| Pixel Pitch(mm) | 2.976 mm | 3.91mm | 4.81 mm |
| Pixel Density(dots/㎡) | 112896 | 65536 | 43264 |
| LED Configuration | SMD1415 | SMD1921 | SMD1921 |
| Module Resolution  (dots) | 84 x 84 | 64 x 64 | 52 x 52 |
| Panel Resolution (dots) | 168 x 168 | 128 x 128 | 104 x 104 |
| Module Dimension (WxH ) (mm) | 250 x 250 mm | 250 x 250 mm | 250 x 250 mm |
| Module Dimension (WxH ) (inch) | 9.84 x 9.84 in | 9.84 x 9.84 in | 9.84 x 9.84 in |
| Panel Dimension(WxHxD) (mm) | 500 x 500 x 85 | 500 x 500 x 85 | 500 x 500 x 85 |
| Panel Material | Die Cast Aluminum | Die Cast Aluminum | Die Cast Aluminum |
| Panel Module Composition | 2 x 2 | 2 x 2 | 2 x 2 |
| Panel Weight(Per/kg) | 7.8kg | 7.8kg | 7.8kg |
| Module Weight(Per/kg) | 0.60kg | 0.60kg | 0.60kg |
| Color Processing(bit) | 256 | 256 | 256 |
| Gray Level | ≥12bit | ≥14bit | ≥14bit |
| Refresh Rate(Hz) | ≥3840hz | ≥3840hz | ≥3840hz |
| Driving Mode(Scan) | 1/21 | 1/16 | 1/13 |
| Brightness(nit) | ≥4500 | ≥4500 | ≥4500 |
| Viewing Angle (H/V) | 140/140 | 140/140 | 140/140 |
| Input Voltage(V) | AC110-220V±10% | AC110-220V±10% | AC110-220V±10% |
| Input Power Frequency(Hz) | 60 | 60 | 60 |
| Max Power (W/㎡) | ≤650 | ≤650 | ≤650 |
| Average Power (W/㎡) | ≤215 | ≤215 | ≤215 |
| Storage Temperature(C) | From -10 to 50 | From -10 to 50 | From -10 to 50 |
| Operating Temperature(C) | From 0 to 40 | From 0 to 40 | From 0 to 40 |
| Storage Humidity | 10-90% RH | 10-90% RH | 10-90% RH |
| Operating Humidity | 10-90% RH | 10-90% RH | 10-90% RH |
| IP Rating | IP54/IP65 | IP54/IP65 | IP54/IP65 |
| Lifetime(hrs) | 100000 | 100000 | 100000 |
| Usage Environment | Outdoor Stage Rental | Outdoor Stage Rental | Outdoor Stage Rental |
| Panel Maintenance Method | Front & Rear | Front & Rear | Front & Rear |

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