

## RO SERIES

### P3.9 OUTDOOR LED DISPLAY

RO series outdoor LED solutions are perfect for any billboard or large scale LED wall project. These ultra reliable, high brightness, low power consumption modules also feature an IP65 rating and auto brightness adjustment for the ultimate impact in any climate or weather conditions. Hisense LED modules include cable-less internal construction and rear access for ease of maintenance.



#### Highlights



##### Quick Installation

Fast locking design enables one-man installation with ultimate safety and pixel protection.



##### Up to 16Bit Colour Depth

16bit high color depth dramatically improves the linearity of low light gray scale, which can show richer dark field details and clear picture quality.



##### 160° Wide Vision Angle

160 wide viewing angle, even from the side of the large screen, the picture is clear.



##### EMC Anti-Interference

Complies with international electronic EMC standards. Anti-electromagnetic interference, more stable operation



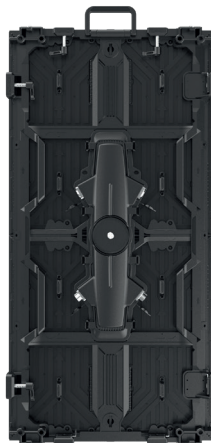
##### 7.8kg Lightweight Design - 500 x 500 box weight

It takes only 30 seconds to splice two cabinets together, saving labor costs dramatically.



##### Front & Rear Access

Supports front maintenance. No need to reserve space for maintenance.



## Specifications

### RO039A

#### Physical

|                                    |  |
|------------------------------------|--|
| Pixel Pitch                        | 3.9 mm   |
| Pixel Configuration                | SMD copper wire / SMD1921  |
| Module Resolution (W x H)          | 64 x 128   |
| Module Dimension (W x H)           | 250 x 500 mm / 9.84 x 19.69 inch   |
| Cabinet Resolution (W x H)         | 128 x 128 / 128 x 256  |
| Cabinet Dimension (W x H x D)      | 500 x 500 x 65 mm<br>19.69 x 19.69 x 2.56 inch<br>500 x 1,000 x 65 mm<br>19.69 x 39.37 x 2.56 inch |
| No. of Modules per Cabinet (W x H) | 2 x 1 / 2 x 2  |
| Cabinet Weight                     | 7.8 kg / 17.20 lbs / 13.8 kg / 30.42 lbs   |
| Cabinet Materials                  | Die-casting Al   |

#### Optical

|                              |   |
|------------------------------|---|
| Brightness (Typ.)            | 4,500 nits (4,000~6,000 nits Customizable)                    |
| Contrast Ratio               | 4,000 : 1 (According to the current Hisense test environment) |
| Visual Viewing Angle (H x V) | 160° x 140°   |
| Bit Depth                    | 14~16 bit Customizable  |
| Color Temperature            | 6500K ± 500K  |

#### Electrical

|                                     |  |
|-------------------------------------|--|
| Max Power Consumption per Cabinet   | 195 W (500 x 500 mm)<br>390 W (500 x 1,000 mm) |
| Avg Power Consumption per Cabinet   | 58 (500 x 500 mm)<br>115 (500 x 1,000 mm)      |
| Max Power Consumption per Unit Area | 780 W/m²                                       |
| Avg Power Consumption per Unit Area | 230 W/m²                                       |
| Power Supply                        | 100~240 V AC                                   |
| Refresh Rate                        | 3,840 Hz                                       |

#### Operational

|                           |                        |
|---------------------------|------------------------|
| Operating Temp / Humidity | -20~50°C / 10~90% RH   |
| Storage Temp / Humidity   | -30~60°C / 10~90% RH   |
| IP Rating                 | Front IP65 & Rear IP65 |
| Lifetime                  | 100,000 Hrs            |

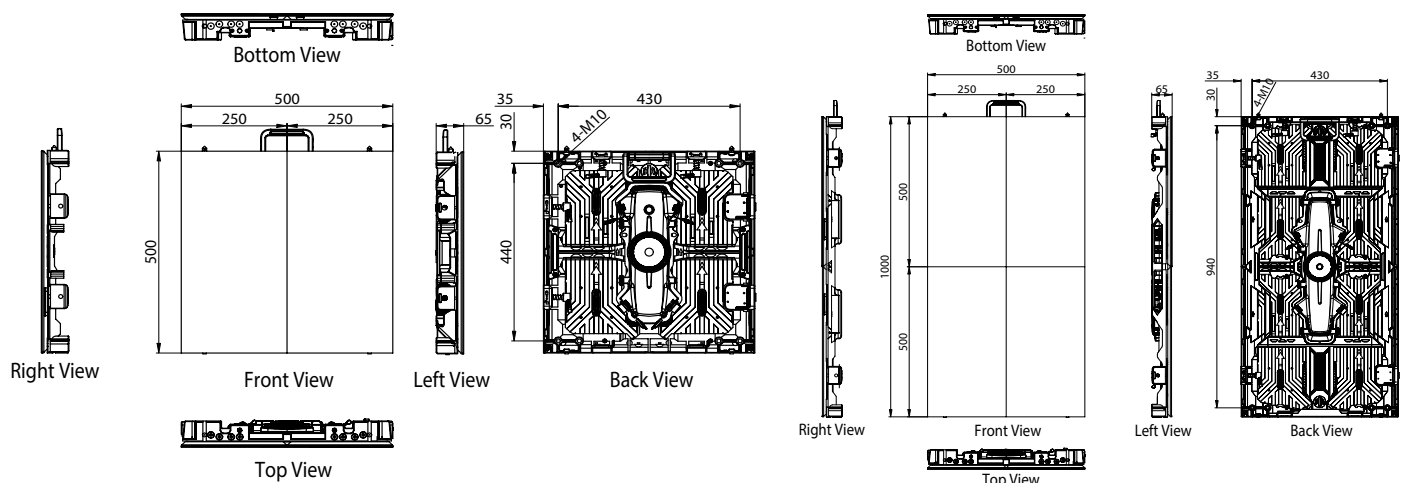
#### Service

|             |                     |
|-------------|---------------------|
| Maintenance | Front & Rear Access |
|-------------|---------------------|

#### Certification

|                        |                      |
|------------------------|----------------------|
| Standard Certification | CE-EMC / CE-LVD 2014 |
|------------------------|----------------------|

## Display Dimensions



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