

ROH SERIES P1.56 COB OUTDOOR LED DISPLAY

Hisense unveiled the industry's leading 1.56mm pixel pitch COB display designed specifically for outdoor environments. With an exceptional 10,000:1 contrast ratio and over 3,000 Nits of brightness, the screen delivers unparalleled clarity even in direct sunlight. Thanks to the great advantages of the flip-chip COB solution, Hisense brings new solutions for drive-thru, public transportation, outdoor advertising and other outdoor scenes.



Highlights



COB Packaging

Leveraging the significant advantages of flip-chip COB technology, the display achieves an impressive brightness exceeding 3,000 nits, which makes the the screen maintains exceptional clarity even under direct sunlight.



Smart Display Integration

The integrated Hisense VisionInfo offers comprehensive cloud-based device control and management capabilities. This innovative system enables seamless end-to-end monitoring and operation of connected devices.



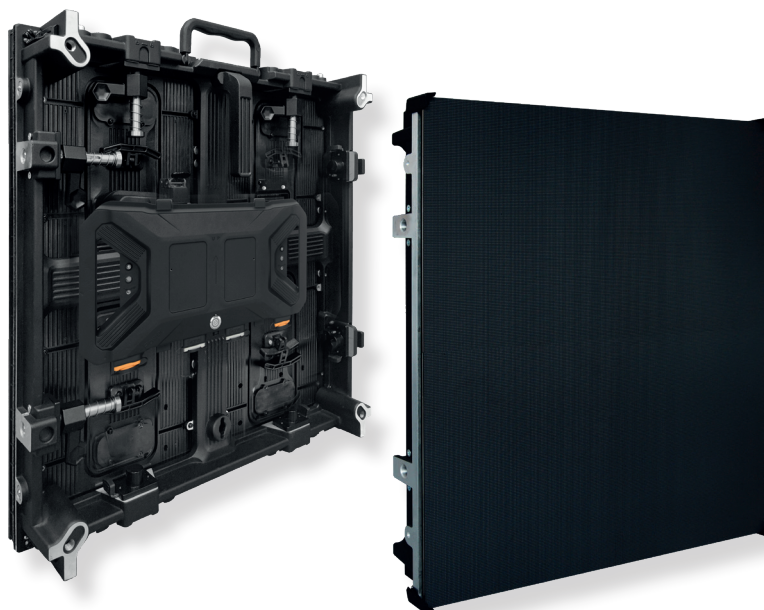
Quick Installation

The cabinet is equipped with handles and quick-lock knobs for convenient transport and installation. Simply turn the knob with one hand to securely connect upper and lower cabinets, enabling fast and efficient box assembly.



Stable and Reliable

The COB module combined with a fully sealed die-cast aluminum cabinet design achieves an IP65 protection rating, ensuring robust defense against water, humidity, and dust ingress, even in the most demanding environments.



Specifications

ROH015FE

Physical

Pixel Pitch	1.56 mm
Pixel Configuration	Flip-chip COB (1 red, 1 green, 1 blue)
Module Resolution (W x H)	160 x 160
Module Dimension (W x H)	250 x 250 mm
Cabinet Resolution (W x H)	320 x 320
Cabinet Dimension (W x H x D)	500 x 500 x 90 mm
No. of Modules per Cabinet (W x H)	2 x 2
Cabinet Weight	9.5kg
Cabinet Materials	Die-casting Aluminium

Optical

Brightness (Typ.)	3000 nits
Contrast Ratio	10,000:1 (According to the current Hisense test environment)
Visual Viewing Angle (Horizontal)	140° x 120°
Bit Depth	14 bit
Color Temperature	6500K ± 500K

Electrical

Max Power Consumption per Cabinet	170 W
Avg Power Consumption per Cabinet	65 W
Max Power Consumption per Unit Area	680 W/m ²
Avg Power Consumption per Unit Area	260 W/m ²
Power Supply	AC 100~240V
Refresh Rate	≥3,840 Hz

Operational

Operating Temp / Humidity	-20°C~+50°C / 10-85%RH
Storage Temp / Humidity	-40°C~+70°C / 10-85%RH
IP Rating	IP65
Lifetime	100,000 Hrs

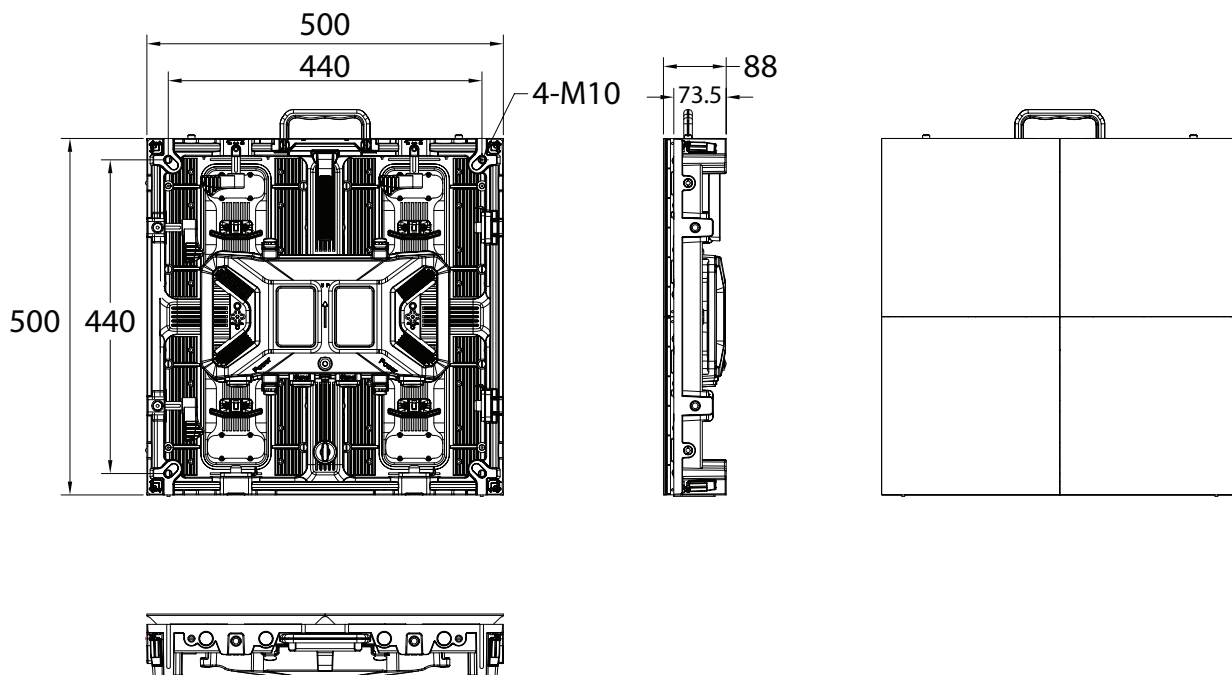
Service

Maintenance	Module: Front & Rear Access Power Supply: Rear Access
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Certification

Standard Certification	CE / CB
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Display Dimensions



* Product specifications may vary per region, and specifications are subject to change. This material may include corporate names and trademarks of third parties which are the properties of the third parties respectively.