



ROHFE SERIES OUTDOOR LED DISPLAY

Experience Hisense's innovative outdoor flip-chip COB technology, featuring flexible 1.56 mm and 1.95 mm pixel-pitch options for a variety of outdoor applications. With a high brightness of 3,500 nits, the display remains clearly visible even under direct sunlight, while the ultra-wide 170° viewing angle ensures excellent visibility from almost any direction. The ROHFE series delivers new possibilities for drive-thru installations, public transportation, outdoor advertising, and other demanding outdoor environments.

Highlights



Bright and Durable COB Display

This flip-chip COB display achieves 3,500 nits brightness for vivid, high-contrast visuals and enhanced dark details, with enhanced overall reliability, providing superior resistance to dust, moisture, and physical impact.



170° Wide Viewing Angle

The 170° ultra-wide viewing angle delivers clear, vivid images from multiple perspectives, enhancing the overall visual experience.



Secure, Rapid Installation

Featuring a quick-lock design with integrated safety lanyards, the cabinet enables rapid deployment while safeguarding against module drops during high-altitude installations, significantly enhancing operational safety and efficiency.



IP65 Front and Rear IP65

The COB module and fully sealed profile aluminum cabinet provide IP65-rated protection, safeguarding the display against water, humidity, and dust ingress in even the harshest environments.



Front and Rear Maintenance

Featuring a dual-access maintenance design, the system supports both front and rear servicing with easy module access, significantly reducing overall service downtime.



Ultra Energy Efficient

Powered by a high-efficiency common-cathode design, the display delivers customizable brightness up to 3,500 nits—maximizing visual impact while minimizing power consumption.

Specifications

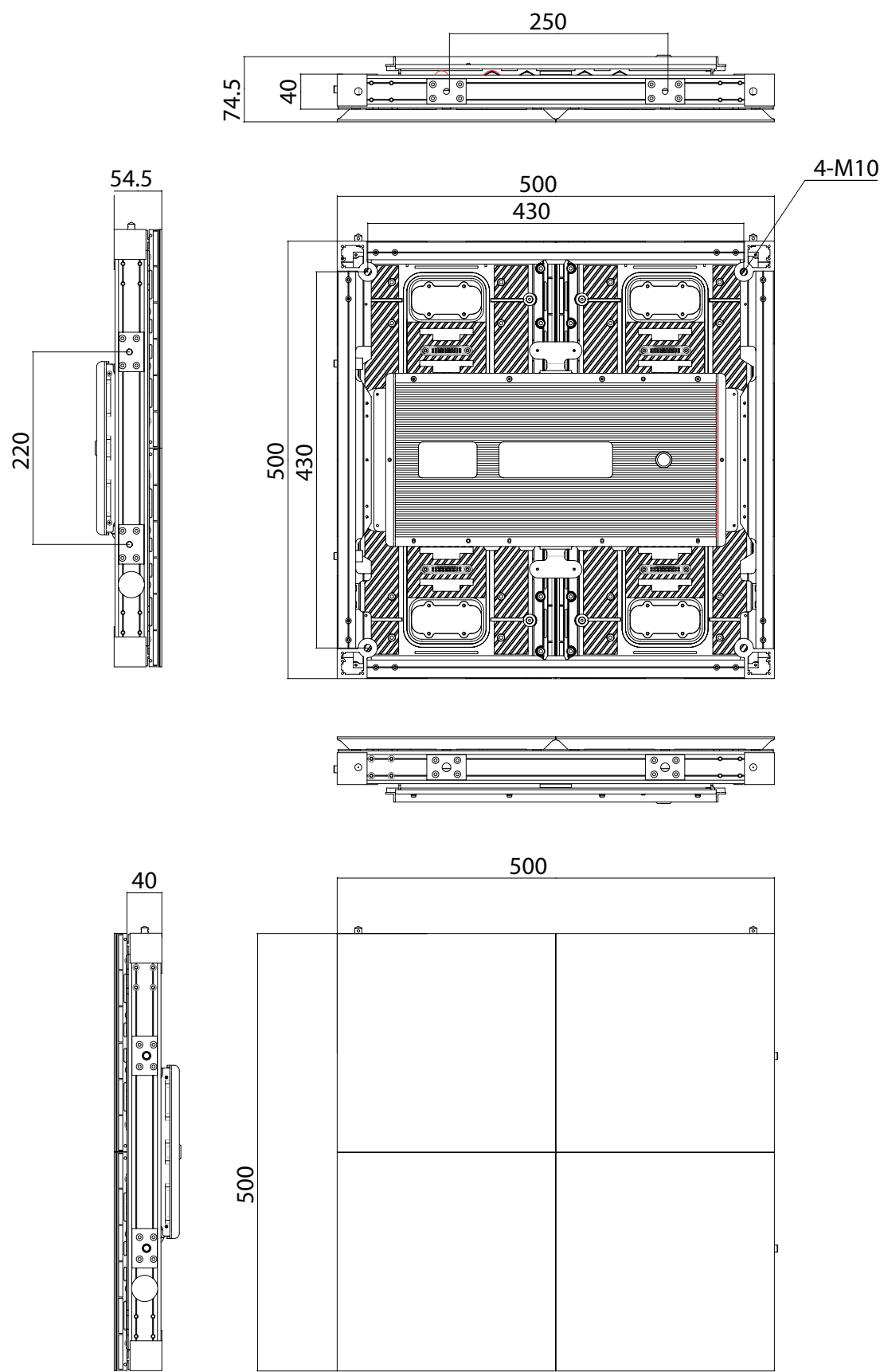
ROHFE Series

Model	ROH015FE	ROH019FE
Pixel Pitch	1.56 mm	1.95 mm
Pixel Configuration	Flip-chip COB (1 red, 1 green, 1 blue)	
Module Resolution (W x H)	160 x 160	128 x 128
Module Dimension (W x H)	250 x 250 mm	
Cabinet Resolution (W x H)	320 x 320	256 x 256
Cabinet Dimension (W x H x D)	500 x 500 x 74.5 mm	
No. of Modules per Cabinet (W x H)	2 x 2	
Cabinet Weight	9.1 kg	
Cabinet materials	Profile Aluminum	
Brightness (typ.)	3,500 nits	
Contrast Ratio	10,000:1@10 lux	
Visual Viewing Angle (H x V)	170° x 170°	
Bit Depth	16 bit	
Color Temperature	6,500K ± 500K	
Brightness Uniformity	97%	
Color Uniformity	98%	
Video Frame Rate	60 Hz	
Max Power Consumption per unit area	600 (W/m ²)	
Avg Power Consumption per unit area	180 (W/m ²)	
Power Supply	100~240 V AC	
Refresh Rate	3,840 Hz (7,680 Customizable)	
Operating Temp / Humidity	-20~50°C / 10~90% RH	
Storage Temp / Humidity	-20~60°C / 10~90% RH	
IP Rating	Front IP65 & Rear IP65	
Lifetime	100,000 Hrs	
Maintenance	Front & Rear Access	
Certification	CE, CB	

* According to the current Hisense test environment

** 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.

Display Dimensions



* According to the current Hisense test environment
** 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.