

XIHFE SERIES

P1.87 INDOOR LED DISPLAY

The Hisense XIHFE Series LED display delivers exceptional visual performance with its 10,000:1 contrast ratio and 800-nit adjustable brightness. Designed with a refresh rate of 3,840Hz and 14-bit color depth, the display combines precise image reproduction with superior energy saving capability.

Highlights



Eye-catching Display

The COB product is encapsulated with black epoxy resin on the surface, ensuring color uniformity and brightness consistency. Supporting HDR formats, it achieves richer color performance and enhanced detail gradation, creating a more immersive viewing experience.



Extremely Reliable

The flip-chip COB LED eliminates bonding wires by directly soldering electrodes onto the PCB, eliminating concerns about wire breakage. Its integrated packaging structure significantly enhances environmental resistance. The display adopts large LED modules in a 2x2 arrangement, ensuring easy and quick installation.



Energy efficient

The XIHFE series achieves a breakthrough power consumption, providing 46% higher efficiency than the previous generation COB display, resulting in optimised operating costs and reduced environmental impact.



Lightweight structure

The cabinet weighs as light as 3.5kg, 36% lighter than the previous generation, with 11% reduced thickness. The lightweight construction simplifies installation procedures, enabling faster deployment and more convenient disassembly/replacement.



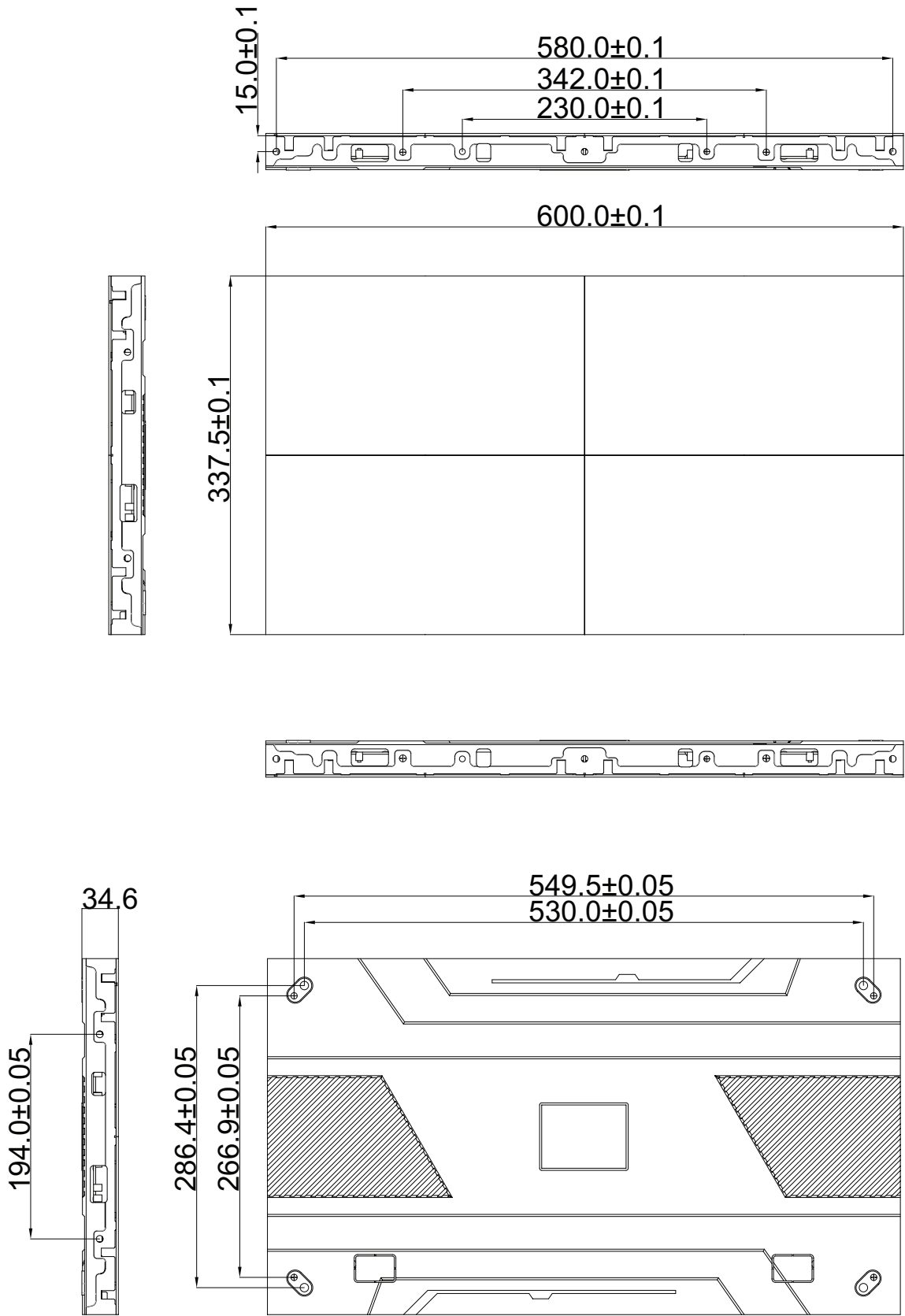
Specifications

XIHFE Series

Model	XIH018FE
Pixel Pitch	P1.87
Pixel Configuration	Flip-chip COB (1, Red, 1 Green, 1 Blue)
Module Resolution (W x H)	160 x 90
Module Dimension (W x H)	300 x 168.75mm / 11.81 x 6.64 inch
Cabinet Resolution (W x H)	320 x 180
Cabinet Dimension (W x H x D)	600 x 337.5 x 34.6mm / 23.62 x 13.29 x 1.36 inch
No. of Modules per Cabinet (W x H)	2 x 2
Cabinet Weight	3.5kg / 7.71lbs
Cabinet Materials	Die-cast Aluminium
Brightness (Typ.)	600 nits (100~800 nits Adjustable)
Contrast Ratio	10,000:1 @10lux (According to the current Hisense test environment)
Visual Viewing Angle (H x V)	160° x 160°
Bit Depth	14 bit
Color Temperature	3,000~18,000 K (Adjustable)
Color Gamut	>90% BT.2020
Brightness Uniformity	98%
Color Uniformity	±0.003 Cx, Cy
Max Power Consumption per Cabinet	45 W@800nits / 39 W@600nits
Avg Power Consumption per Cabinet	25 W@800nits / 22 W@600nits
Max Power Consumption per Unit Area	225 W/m²@800nits / 195 W/m²@600nits
Avg Power Consumption per Unit Area	125 W/m²@800nits / 110 W/m²@600nits
Power Supply	100~240 V AC
Refresh Rate	3,840 Hz
Operating Temp / Humidity	-10~40°C / 10~90% RH
Storage Temp / Humidity	-20~60°C / 10~90% RH
IP Rating	IP20
Lifetime	100,000 Hrs
Maintenance	Front Access

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Display Dimensions



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