

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.



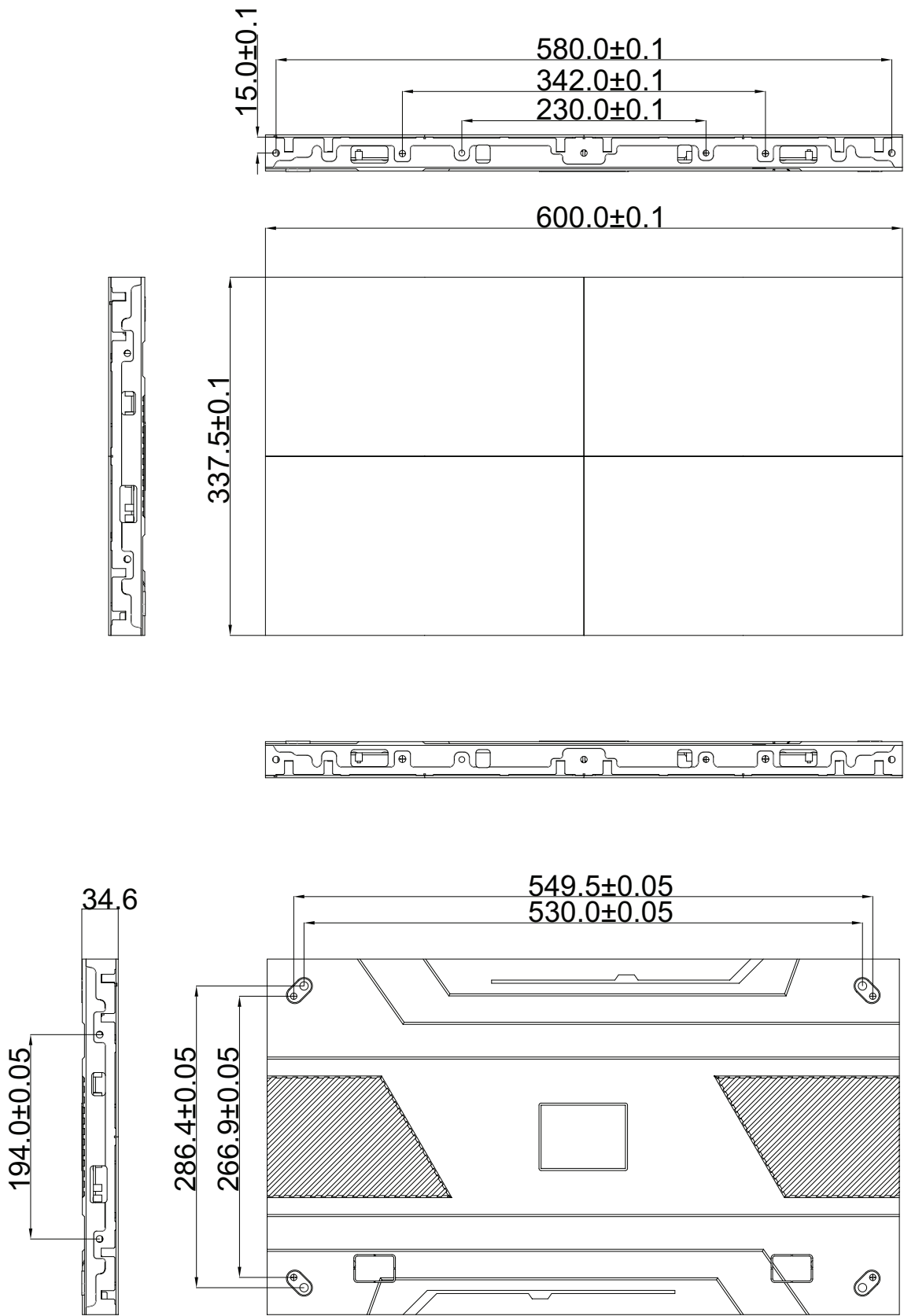
Specifications

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 | 225 (W/m²) / 46 (W/Cabinet) @800nits 195 (W/m²) / 39 (W/Cabinet) @600nits |
| Avg Power Consumption | 79 (W/m²) / 16 (W/Cabinet) @800nits 69 (W/m²) / 14 (W/Cabinet) @600nits |
| Max Heat Generation | 768 (BTU/m²) / 156 (BTU/Cabinet) @800nits 665 (BTU/m²) / 135 (BTU/Cabinet) @600nits |
| Avg Heat Generation | 270 (BTU/m²) / 55 (BTU/Cabinet) @800nits 235 (BTU/m²) / 48 (BTU/Cabinet) @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 / Front IP65 |
| Lifetime | 100,000 Hrs |
| Maintenance | Front Access |

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



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.