

XIHFE SERIES

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 2x2¹ arrangement, ensuring easy and quick installation.



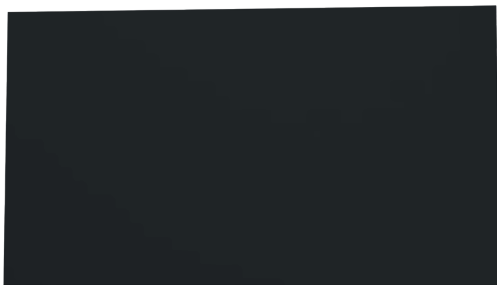
Energy efficient

The XIHFE series achieves a breakthrough power consumption, providing 21% 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.



1. Only applicable for P1.5 & P1.8

Specifications

XIHFE Series

| Model | XIH009FE | XIH012FE | XIH015FE | XIH018FE |
|------------------------------------|--|--|--|----------------------------------|
| Pixel Pitch | 0.9375 mm | 1.25 mm | 1.56 mm | 1.87 mm |
| Pixel Configuration | Flip-chip COB (1 red, 1 green, 1 blue) | | | |
| Module Resolution (W x H) | 160 x 180 | 120 x 135 | 192 x 108 | 160 x 90 |
| Module Dimension (W x H) | 150 x 168.75 mm 5.91 x 6.64 inch | | 300 x 168.75 mm 11.81 x 6.64 inch | |
| No. of Modules per Cabinet (W x H) | 4 x 2 | | 2 x 2 | |
| Cabinet Resolution (W x H) | 640 x 360 | 480 x 270 | 384 x 216 | 320 x 180 |
| Cabinet Dimension (W x H x D) | 600 x 337.5 x 34.6 mm / 23.62 x 13.29 x 1.36 inch | | | |
| Cabinet Weight | 3.5 kg / 7.71 lbs | | | |
| Cabinet materials | Die-cast Aluminum | | | |
| Brightness | 800 nits | 800 nits | 800 nits | 600 nits |
| Contrast Ratio | 10,000:1@10lux | | | |
| 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 | | | |
| Frame Rate | 60 Hz | 60 Hz / 120 Hz ¹ | 60 Hz / 120 Hz ¹ | 60 Hz / 120 Hz ¹ |
| Max Power Consumption | 398 W/m ² @800 nits 330 W/m ² @600 nits | 346 W/m ² @800 nits 283 W/m ² @600 nits | 265 W/m ² @800 nits 205 W/m ² @600 nits | 195 W/m ² @600 nits |
| Avg Power Consumption | 140 W/m ² @800 nits 116 W/m ² @600 nits | 122 W/m ² @800 nits 100 W/m ² @600 nits | 93 W/m ² @800 nits 72 W/m ² @600 nits | 69 W/m ² @600 nits |
| Max Heat Generation | 1,358 BTU/m ² @800 nits 1,126 BTU/m ² @600 nits | 1,181 BTU/m ² @800 nits 966 BTU/m ² @600 nits | 904 BTU/m ² @800 nits 699 BTU/m ² @600 nits | 665 BTU/m ² @600 nits |
| Avg Heat Generation | 478 BTU/m ² @800 nits 396 BTU/m ² @600 nits | 416 BTU/m ² @800 nits 341 BTU/m ² @600 nits | 317 BTU/m ² @800 nits 246 BTU/m ² @600 nits | 235 BTU/m ² @600 nits |
| 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 | | | |
| Certification | CE / CB | | | |
| Maintenance | Front Access | | | |

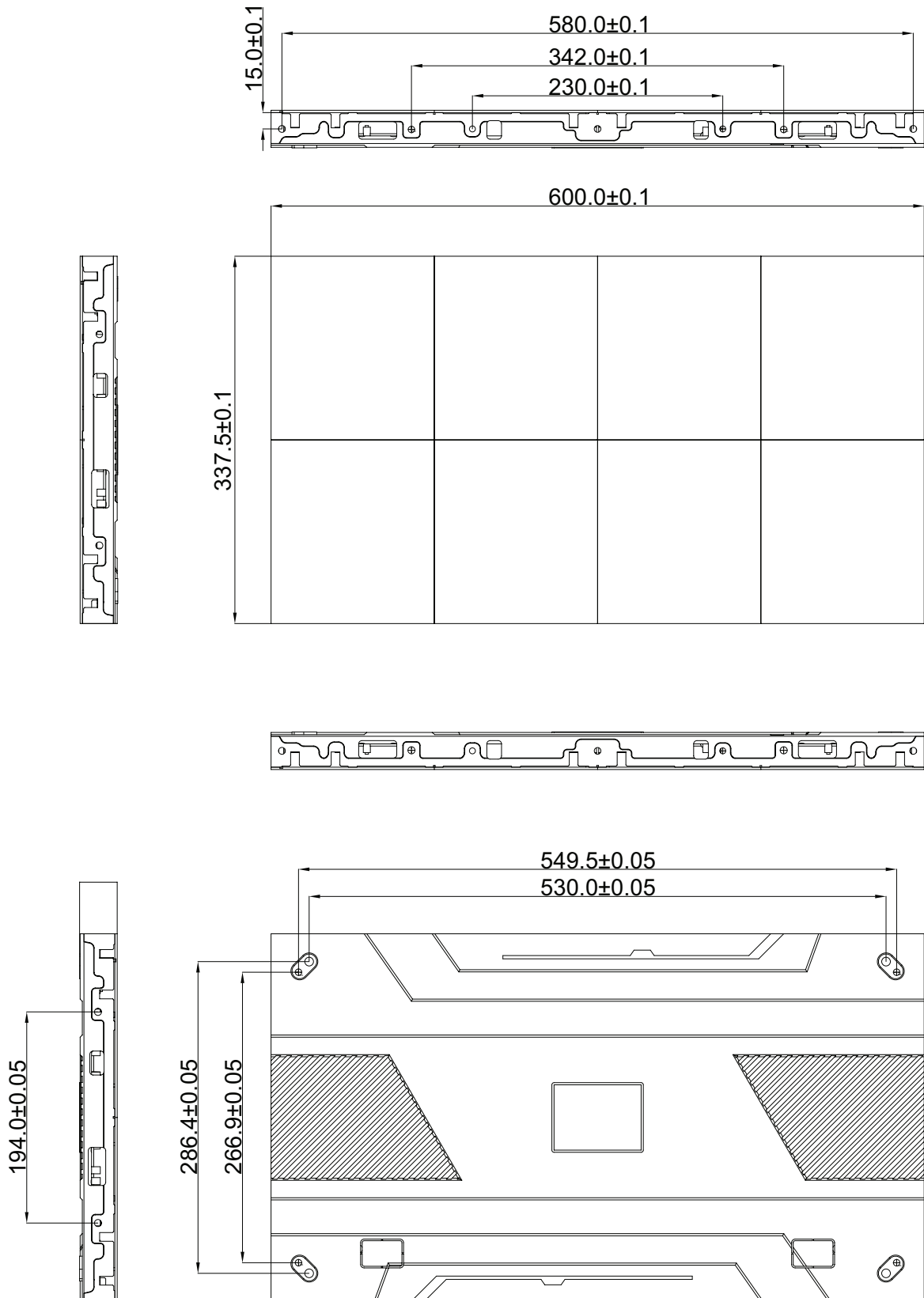
1. At 120 Hz, maximum loading capacity is reduced by 50% compared to 60 Hz.

* 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

XIH009FE / XIH012FE

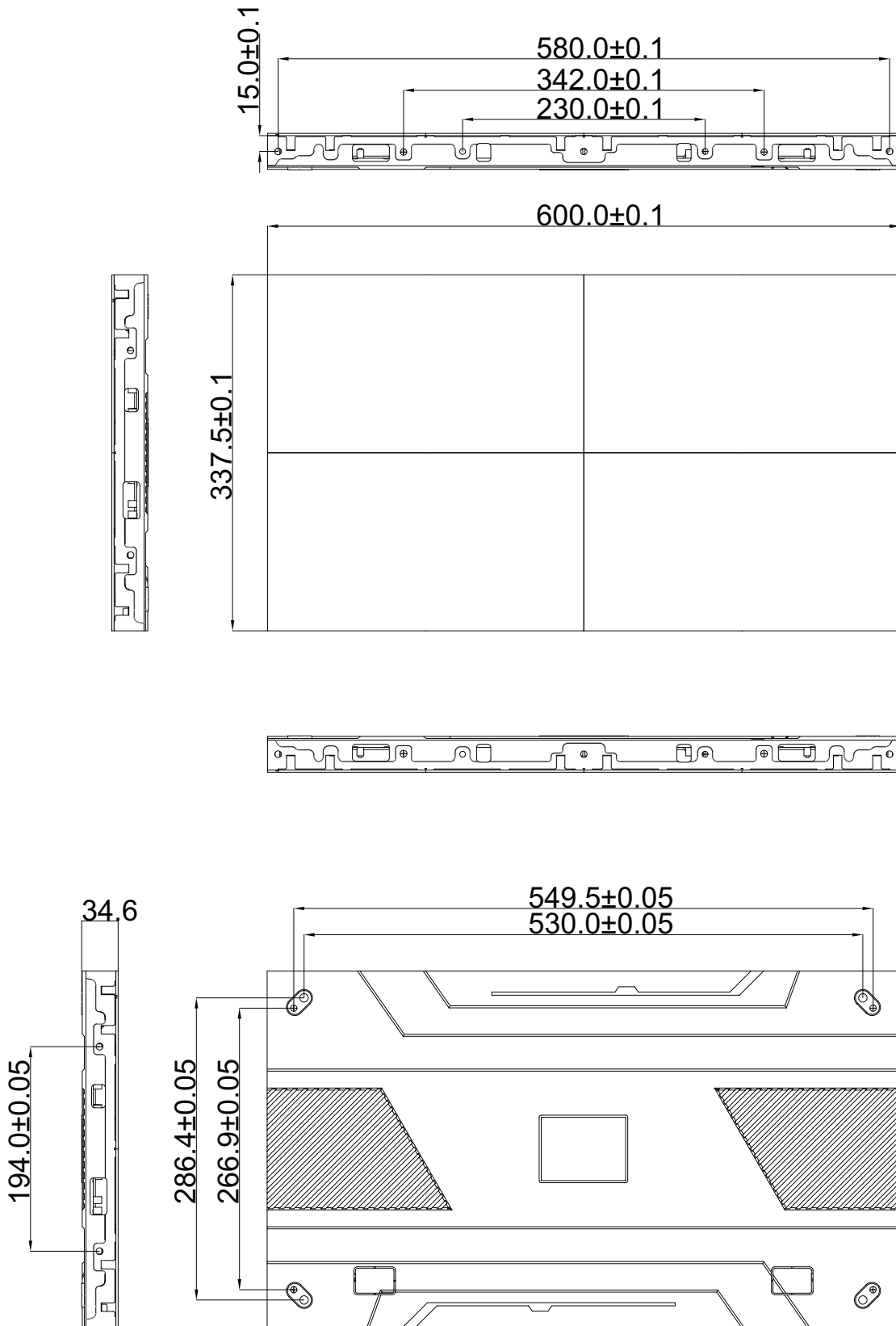


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Display Dimensions

XIH015FE / XIH018FE



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