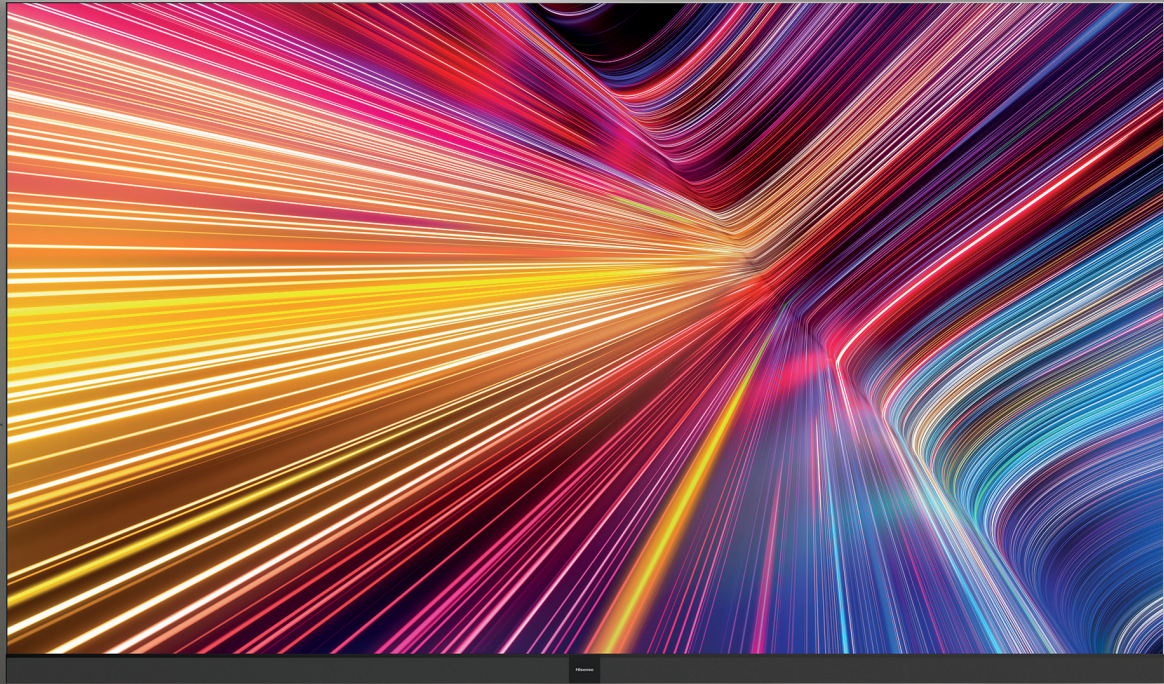


Hisense | COMMERCIAL
DISPLAY



108" LED ALL-IN-ONE DISPLAY

HAIO108DE



EXTRAORDINARY AUDIO-VISUAL

Create the ultimate immersive AV experience for your boardroom or office space with the Hisense All-in-one LED display. Equipped with Hisense's unique ASIC picture quality solution for precision dimming, it controls each LED pixel to accurately express brightness and chromaticity information. Delivering vivid detail and unrivalled colour depth, the All-in-one 108" LED display will provide finishing touch to any quality meeting space.

Learn More: www.hisense-b2b.com | Contact Us: sales@hisense-b2b.com

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DISPLAY

108" LED ALL-IN-ONE DISPLAY

HAIO108DE



Ultra Picture Quality Chip

Relying on Hisense's super picture quality chip, supported by powerful algorithms, colour enhancement, multi-grayscale correction, MEMC, HDR, SR super resolution four major picture quality technologies, the picture quality is more detailed and vivid.



Smart Display

Automatically adjust the brightness of the LED All-in-one screen according to the environment. Automatic all-round monitoring of the screen status. Up to three intelligent screen casting methods.



COB Screen Lamination

Using the industry-leading Micro-size Flip-chip COB (1 red, 1 green, 1 blue) technology, the black colour ratio is as high as 96.16%. Hisense's self-developed pure black coating technology, applied to larger LED modules, achieving a contrast ratio of up to 25,000:1 in a 10lux environment, making the picture even brighter and more detailed.



Flexibility

Supporting VisionInfo which provides the capability to control and manage devices through cloud-based systems, enabling end-to-end device management and control.



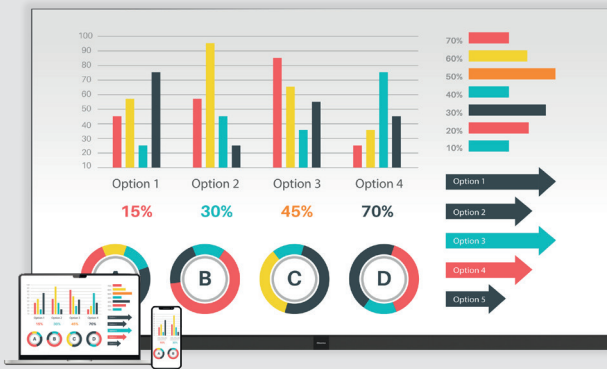
Energy Saving

With our efficient power supply and 3-in-1 minimalist ASIC architecture, along with common-negative driver and super energy-saving algorithms, we have significantly reduced energy consumption, aiding in minimizing environmental impact. Additionally, our advanced technology allows us to maintain a maximum temperature of 40°C for the screen body, ensuring users enjoy a comfortable and safe experience when close to the screen. This not only enhances user comfort but also prolongs the display's lifespan. Overall, our commitment to innovation and sustainability enables us to create a high-performance display solution that prioritizes energy efficiency and user comfort.

SMART DISPLAY FEATURES

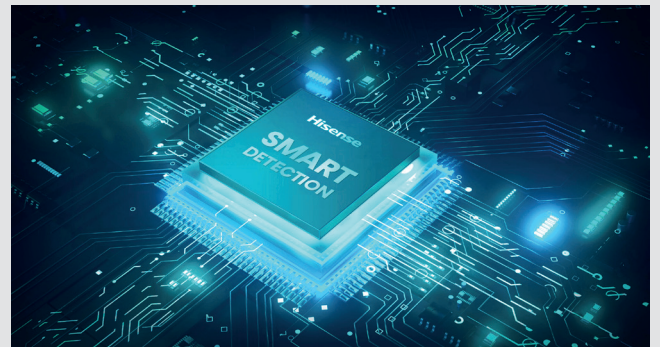
Smart Screen Casting

Up to three intelligent screen casting methods. Rapid screen transmission via Dongle, support 4 split screen. Android phone NFC a touch cast screen, cell phone WPS sweep cast screen.



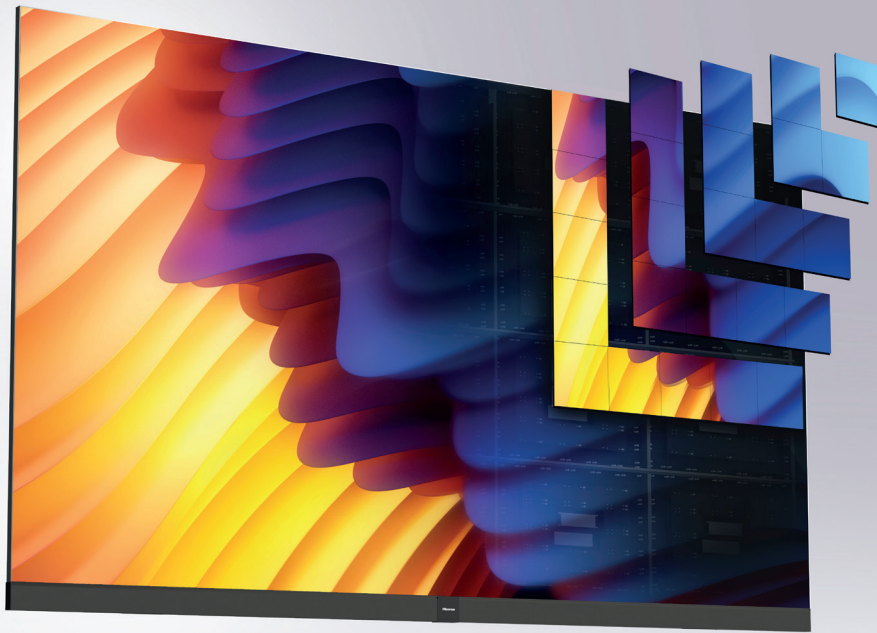
Smart Detection

Automatic all-round monitoring of the screen status. Real-time monitoring and dynamic adjustment, avoid short circuit and high temperature.



Smart Light Sensing

Automatically adjust the brightness of the LED All-in-one screen according to the environment to avoid the screen being too bright or too dark.



Smart Calibration

The LED modules of the Hisense All-in-one can be replaced directly, requiring only 1 minute to complete the replacement. Additionally, the display can be normalized without the need for on-site recalibration, simplifying installation and maintenance processes for a hassle-free experience.

PROFESSIONAL PICTURE QUALITY SOLUTION

AI Picture Quality Function

With Hisense's powerful picture quality chip, HAIO108DE supports AIPQ function. This intelligent feature identifies content and adapts to achieve optimal picture display parameters. By adjusting brightness, contrast and color, content becomes vivid with great visual impact to allow viewers to fully enjoy lively them.



HDR

With low brightness dimming capability, the Hisense All-in-one excels at revealing rich dark details. It showcases enhanced image details through richer color performance and precise brightness adjustments, elevating color levels with consistent saturation and detail. This results in a more vivid viewing experience, enhancing the enjoyment of whatever content you're watching.



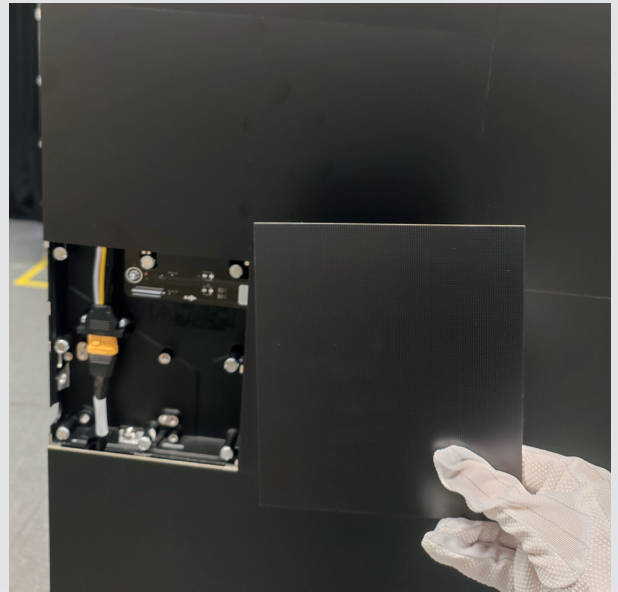
Ultimate Motion

With MEMC technology, Ultimate Motion reduces blur in fast-moving scenes, delivering crisp and clear images during fast action sequences. This smooth viewing experience immerses you fully into the scene.



Simply Precise Design

Featuring an industrial aesthetic with a minimalist integrated design, the Hisense All-in-one boasts a thin body of just 27.8mm, making it space-efficient. Its lightweight build, ultra-narrow bezel, and 95% screen-to-body ratio enhance its sleek appearance. The elegant design is complemented by a versatile wall bracket and mobile cart.



Quick Installation and Easy Maintenance

Factory pre-assembled for convenience, the Hisense All-in-one can be installed within 1.5 hours by two people. It features an auto-configuration setup and allows for full front installation and maintenance, saving valuable space.

COB Screen Lamination

Using the industry-leading Micro-size Flip-chip COB (1 red, 1 green, 1 blue) technology, the black colour ratio is as high as 96.16%. Hisense's self-developed pure black coating technology, applied to larger LED modules can achieve a contrast ratio of up to 25,000:1 in a 10lux environment, making the picture even brighter and more detailed. At the same time, the pure black color and low reflective characteristics of the large screen greatly reduce the impact of reflected light on the display.

Dynamic Energy Saving

Dynamic energy saving & efficient cooling, compared to the conventional LED energy saving > 40%, screen temperature <40 °.



COMMERCIAL APPLICATIONS

VisionInfo

Fully integrated with VisionInfo, it supports Hisense's self-developed CMS and MDM control system, enabling remote control and content distribution from cloud. VisionInfo from Hisense is our cloud-based digital signage software which is flexible, cost-effective, and infinitely scalable for users. VisionInfo includes a comprehensive CMS solution and advanced remote display management features. It provides users the freedom to edit and publish content while ensuring it looks great across all displays in a system. It is a powerful, effective and easy to use tool to manage content and control your displays at anytime from anywhere.



Education

The large-format display enhances the classroom learning experience for students. Supporting OPS* devices and Windows systems, the Hisense All-in-one LED provides an ideal platform for teaching forums, delivering detailed content with clarity.



** If you need to use OPS, please confirm the installation structure with your local distributor in advance.*

Conference Rooms

The Hisense All-in-one offers a crystal-clear display, exceptional product reliability, and a lifespan exceeding 100,000 hours.



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Specifications

Physical

Pixel Pitch	1.25 mm
Pixel Configuration	Flip-chip COB (1 red,1 green,1 blue)
Screen Resolution (WxH)	1920 x 1080
Module Dimensions (WxH)	150 x 168.75mm
No. of Modules Per Screen (WxH)	16 x 8 (Total 128 Pcs LED Modules)
Screen Dimensions (WxHxD) *With Screen Frame	2404 x 1437 x 36.2mm
Panel Dimensions (WxHxD)	600 x 337.5 x 31.5mm
Weight (per panel / screen)	4kg / 76kg
Pixel Density	640,000 pixels/m2
Flatness of Cabinet (mm/inch)	± 0.05 mm
Cabinet Material	Die-cast Aluminum
Grey Level	14 bits
Colour Gamut	>105% DCI-P3
Aspect Ratio	16:9
Service Access	Front

Optical

Brightness (max./peak.)	1,000 / 1,200 nits
Brightness - Default (Adjustable)	600 (100-1,000) nits
Contrast Ratio	25,000 : 1@10lux
Visual Viewing Angle (HxV)	165° x 150°
Brightness Uniformity	98%
Colour Uniformity	± 0.003 Cx,Cy
Processing Depth	14 bits
Colour Temp - Default (Adjustable)	6500 K (2,000 ~ 9,300 K)

Electrical

Power Supply Voltage	100-240V, 50/60Hz
Average Power Consumption (W/Screen)	≤560@1000nits / ≤400@600nits
Max Power Consumption (W/Screen)	≤1400@1000nits / ≤1000@600nits
Refresh Rate	3,840Hz (typ.)

Connectivity

Input	HDMI(2.0) IN x3 (include 1 interal) USB2.0 x1 Type-C (not full function) x1 RS-232 x1 LAN x1
Output	SPDIF x1 Audio Out x1

Operation Conditions

Operating Temp/Humidity	0 - 40°C / 10% - 90%RH (no frost)
Storage Temp/Humidity	-20 - 40°C / 10% - 65%RH (no frost)
Expected LED Lifetime (typ)	100,000 Hrs

Speaker

Built-in	10W x 2
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System

OS	Android 9.0
CPU	CA73*4 1.3GHz
GPU	G52 MC1
DDR	3GB
ROM	64GB
WiFi	2.4G & 5G
Bluetooth	5.0
Language	Chinese / English (Default) / French / German / Spanish / Italian / Polish / Arabic / Russian

Package Solution

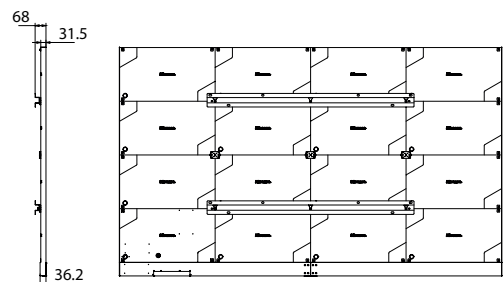
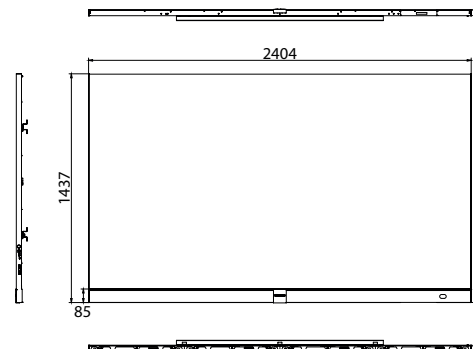
Packing Method	Cardboard Box for cabinets / modules / wall bracket & accessory
Packaging Dimensions (WxHxD)	1120 x 1690 x 768mm
Net / Gross Weight (w Wall Bracket)	76kg / 140kg

Certification

Standard Certification	CE, CB, FCC, cTUVus
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Dimensions

108" | 2404 x 1437 / 31.5mm
4kg / 76kg



* 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.