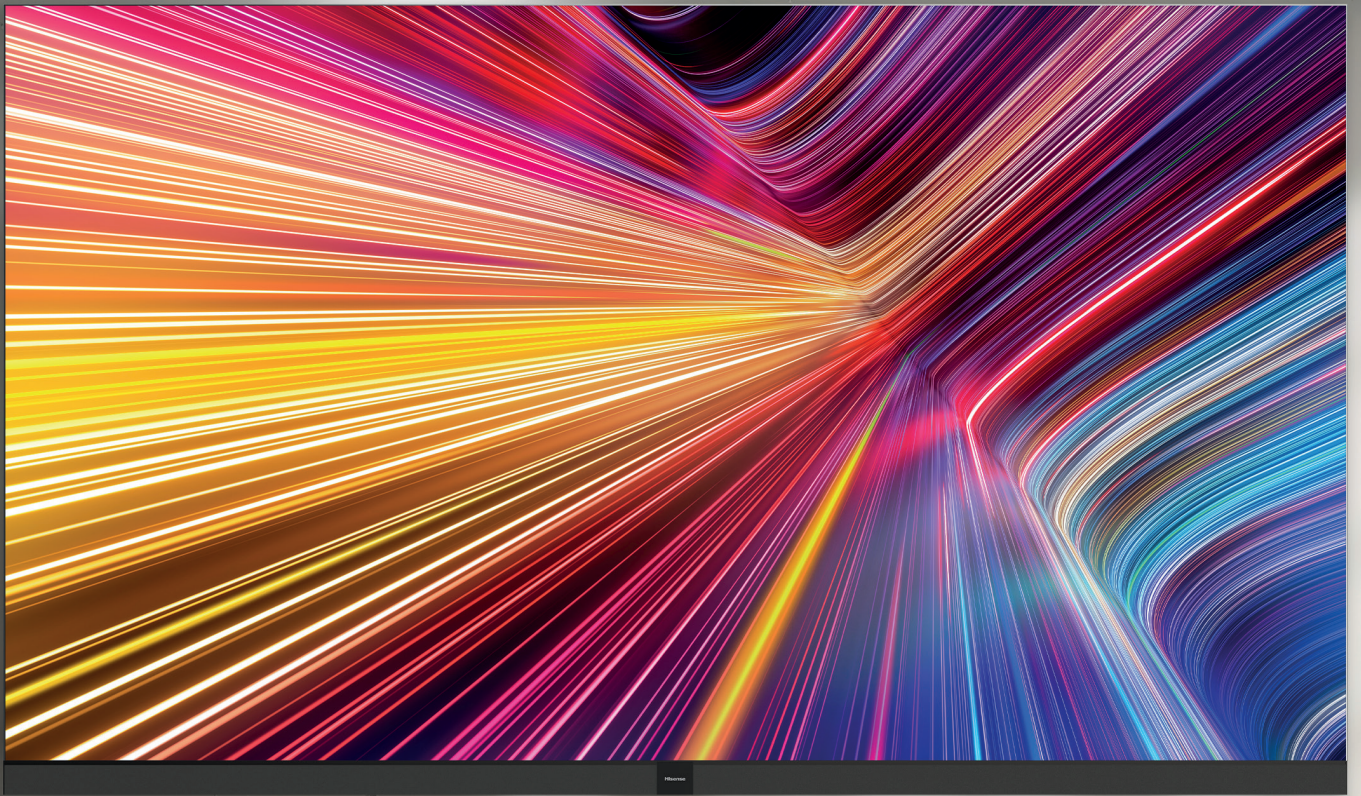


Hisense | COMMERCIAL
DISPLAY



163" LED ALL-IN-ONE DISPLAY

HAI0163DE



EXTRAORDINARY AUDIO-VISUAL

Create the ultimate immersive AV experience for your boardroom 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 individually to accurately express brightness and chromaticity information. Delivering vivid detail and unrivalled colour depth, the All-in-one 163" LED display will provide the finishing touch to any quality meeting space.

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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.



Flexibility

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



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.



Energy Saving

By adopting a full-chain energy-saving design, we have achieved an ultra-low power consumption of only 2100W at a brightness of 500nits, which is significantly lower than the industry standard of 2500W. At the same time, we have also ensured that the maximum temperature of the screen body remains at 37 , providing a comfortable viewing experience even when people are close to the screen.



Stereo Surround Sound

Equipped with 60W built in speakers, Dolby & DTS audio dual decoding, impactful bass and crisp treble to create a truly immersive stereo surround sound.

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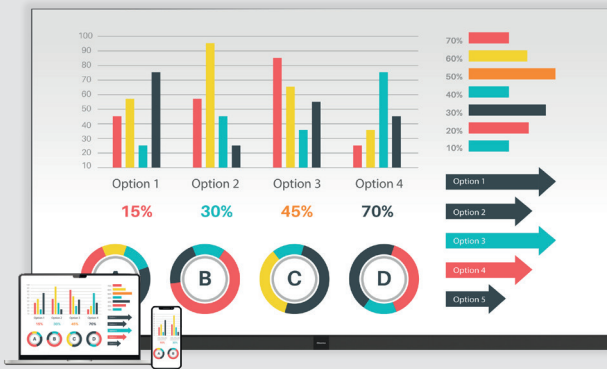
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SMART DISPLAY FEATURES

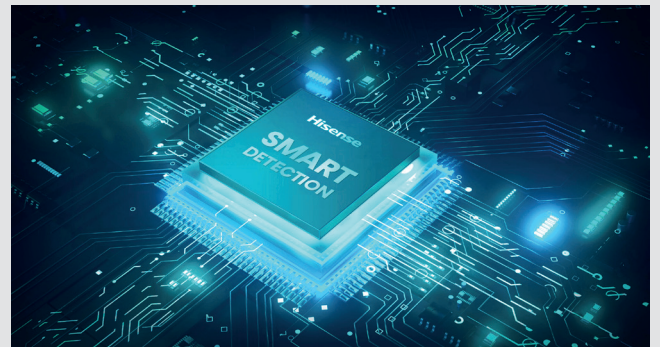
Smart Screen Casting

Up to three intelligent screen casting methods. Rapid screen transmission via the Dongle, supporting up to 4 devices in splitscreen. NFC via touch for Android screencast, and mobile via WPS (local direct WiFi) screencast .



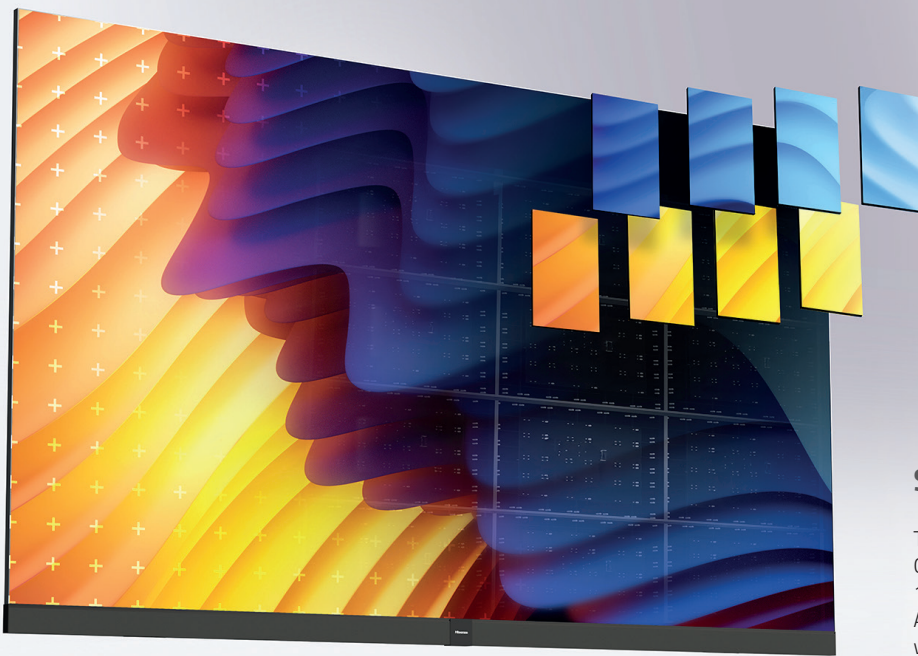
Smart Detection

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 to ideally suit the environment, avoiding 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.

AI PICTURE QUALITY SOLUTION

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.

AI Precision Dimming

Featuring Hisense's unique ASIC picture quality solution for precision dimming, the Hisense All-in-One supports AIPQ function. This intelligent feature identifies content and adapts to achieve optimal picture display parameters. By controlling each LED pixel to accurately express brightness and chromaticity information, it significantly enhances the brightness and contrast of large screens.





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.

Bright Color Balance Technology

The Hisense All-in-One intelligently recognizes presentation scenes and fine-tunes content contrast and clarity for optimal viewing. It ensures ultimate color purity and minimal brightness deviation, providing the best possible viewing experience and enhanced comfort.

STEREO SURROUND SOUND



Dolby & DTS Sound Dual Decoding

Equipped with Dolby and DTS audio dual decoding, the Hisense All-in-One provides immersive stereo surround sound. This enhances the audio experience by making the bass more impactful and the treble clearer, delivering theater-grade sound quality.



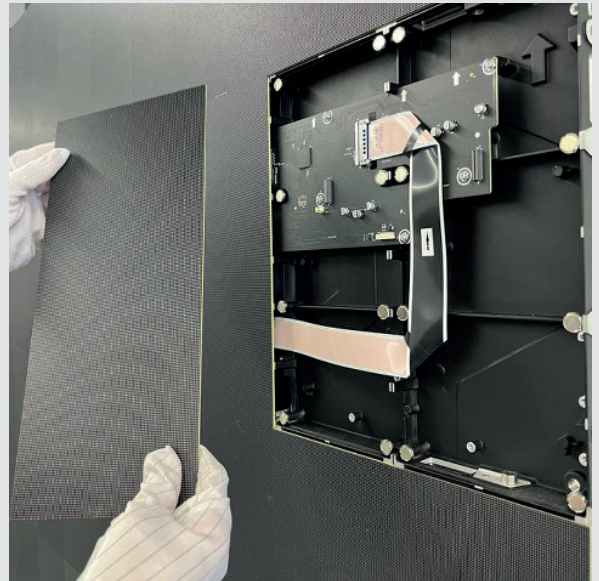
Hi-Fi Stereo

Equipped with built-in 60W speakers (6x10W), the Hisense All-in-One delivers surround sound that creates a powerful, cinema-like experience, reminiscent of an IMAX theater.



Simply Precise Design

Featuring an industrial aesthetic with a minimalist integrated design, the Hisense All-in-One boasts a thin body of just 29.8mm, 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 color ratio is as high as 98.6%. Hisense's self-developed pure black coating technology, applied to larger LED modules, can control reflectivity below 3.5%, achieving a contrast ratio of up to 40,000:1 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.



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	1.875mm
Pixel Configuration	3 in one SMD (with Glue On Board)
Screen Resolution (WxH)	1920 x 1080
Module Dimensions (WxH)	150 x 337.5mm / 5.9 x 13.3 inch
No. of Modules Per Screen (WxH)	24 x 6 (Total 144 Pcs LED Modules)
Screen Dimensions (WxHxD) *With Screen Frame	3604 x 2112 x 32.3mm* 141.8 x 83.1 x 1.27 inch*
Product Dimensions (With Mobile Cart) *With Screen Frame	3604 x 2662 x 1086.8mm* 141.8 x 104.8 x 42.7 inch*
Panel/Cabinet Dimensions (WxHxD)	600 x 337.5 x 32.3mm 23.6 x 13.3 x 1.27 inch
Weight (per panel / screen)	4kg / 162kg // 8.82lbs / 357.14lbs
Pixel Density	284,444 pixels/m ²
Flatness of Cabinet (mm/inch)	±0.05mm
Cabinet Material	Die-cast Aluminium
Grey Level	14 bits
Aspect Ratio	16:9
Service Access	Front

Optical

Brightness	500 nits (100~500 nits Adjustable)
Contrast Ratio	5,000:1 (According to current Hisense test environment)
Visual Viewing Angle (HxV)	150° x 140°
Brightness Uniformity	95%
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)	≤720
Max Power Consumption (W/Screen)	≤2100
Refresh Rate	3,840Hz*
WiFi	2.4G & 5G
Bluetooth	5.0
Input	HDMI(2.0) IN x3 (include 1 interal) USB2.0 x1 USB3.0 / Type-C (not full function) x1 RS-232 x1 (internal) 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 6
External	3.5mm Audio external sound system connector (prior to the built-in sound system connector)

System

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

Package Solution 1 (Flight Case)

Packing Method	Flight case for Cabinets / Modules / Wall Bracket and Accessory
Packaging Dimensions (WxHxD)	1120 x 2100 x 768mm 44.09 x 82.67 x 30.23 inch
Net / Gross Weight (w Wall Bracket)	162kg / 230kg // 357.14lbs / 526.90lbs

Mobile Cart (Optional)

Packaging Method	Wooden Box (For Mobile Cart) (Option)
Packaging Dimensions (WxHxD)	2551 x 192 x 1037mm 100.43 x 7.55 x 40.82inch
Net / Gross Weight	57kg / 110kg // 125.66lbs / 242.50lbs

Miscellaneous

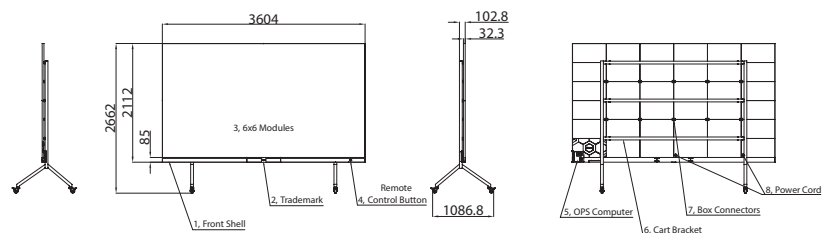
Curve Support (-:concave +:convex)	Flat, Flat
Controller	Embedded
Standard Accessory	User Manual / Remote Control / Battery / Vacuum Tool / Wall Bracket
Optional Accessory	Mobile Cart (LGR00401A) Hisense Dongle (HT002) Camera (HMC03-1080P, 25M) OPS (S02BDs&AA21E/5A811E)

Certification

Standard Certification CE, CB, FCC, cTUVus

Dimensions

163" | 3604 x 2112 x 32.3mm / 141.8 x 83.1 x 1.27 inch
4kg / 162kg // 8.82lbs / 357.14lbs



*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.

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