HAIO108DE
108" LED ALL-IN-ONE DISPLAY

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 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.

Highlights

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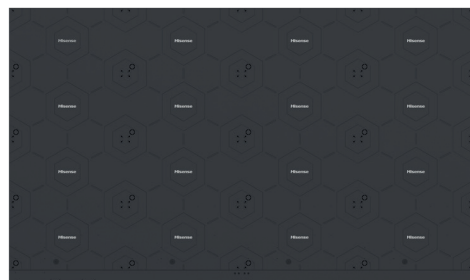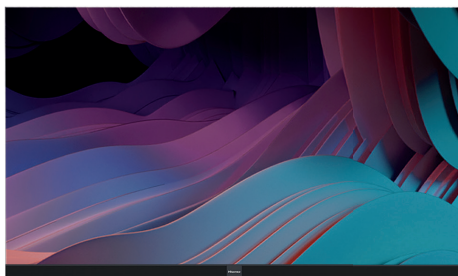
Flexibility
Supporting VisionInfo which provides the capability to control and manage devices through cloud-based systems, enabling end-to-end device management and control.

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.

Hisense

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 31.5mm
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

System

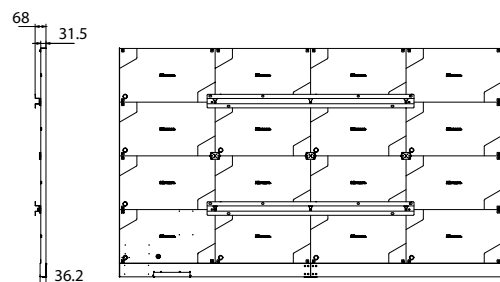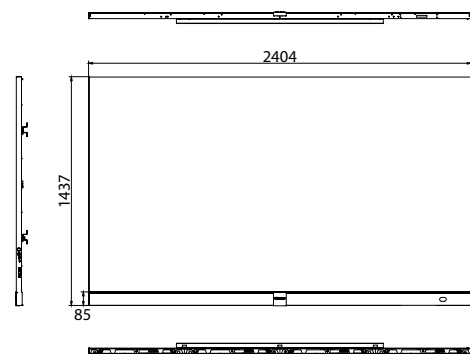|	
OS	Android 9.0
CPU	CA73*4 1.3GHz
GPU	G52 MC1
DDR	3GB
ROM	64GB
WiFi	2.4G & 5G
Bluetooth	5.0
Language	Chinese / English (Default) / French / German / Spanish / Italian / Polish / Arabic / Russian

Package Solution (Cardboard Box)

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

Dimensions

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

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

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