



I N S P I R E D B Y I N N O V A T I O N



هواي تك تریدینف اند سیر فیسس ذ.م.م
HAWAII TECH TRADING & SERVICES W.L.L





BETA SERIES

Traditional Indoor Fixed Cabinet

UHD Indoor LED Screen is a Hawaii Product that specializes in providing LED displays for indoor home theater and entertainment systems. Their LED screens are designed to deliver a high-quality, immersive viewing experience for movies, sports events, and other forms of visual content. They offer a range of LED screens in different sizes and specifications to accommodate different home theater setups and room dimensions. The company is dedicated to delivering innovative and cutting-edge LED display technology for the ultimate home theater experience

UHD SERIES

Perfect Home Theatre Screen

HD09 | HD1 | HD12 | HD13 | HD15 | HD16

Magnetic Front
Maintenance

Versatility

Good Value Of Money

Highly Durable

Safe Installation And Maintenance



Thin And Light Panel

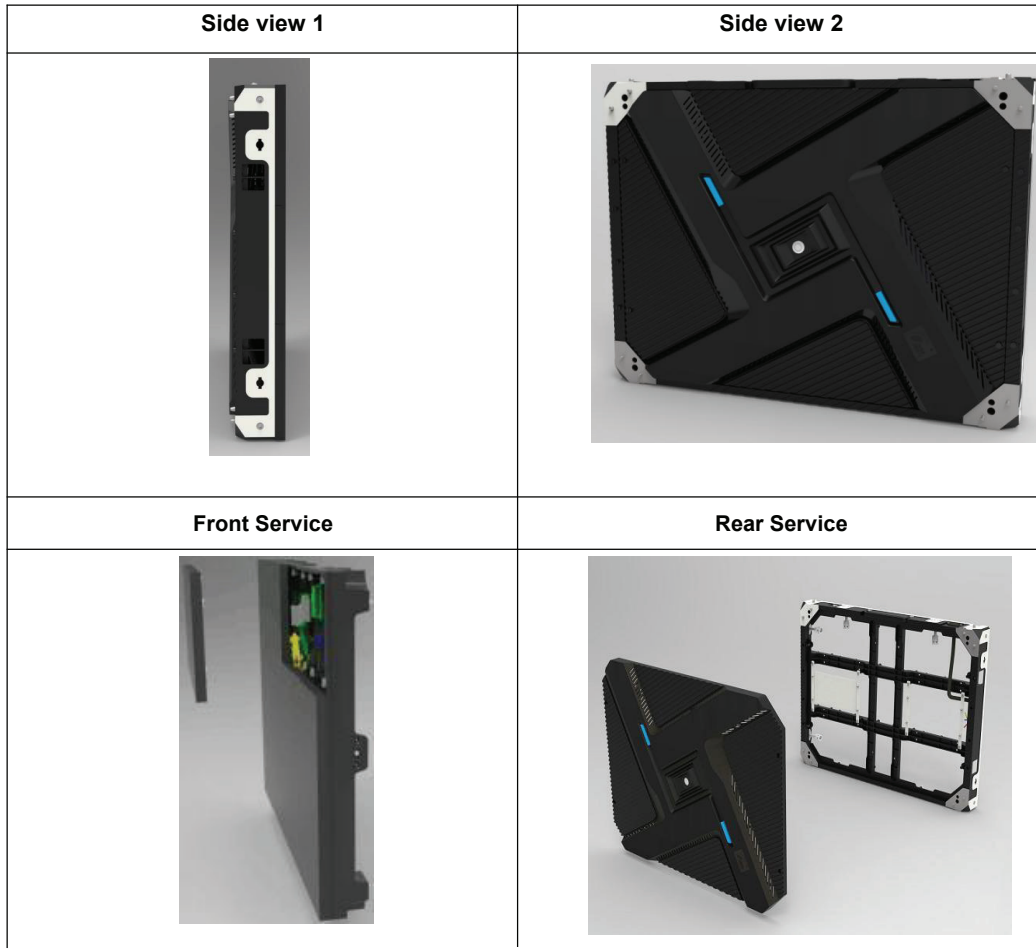
Better Visibility

Seamless Connection

Flexibility Size

Easy Maintenance





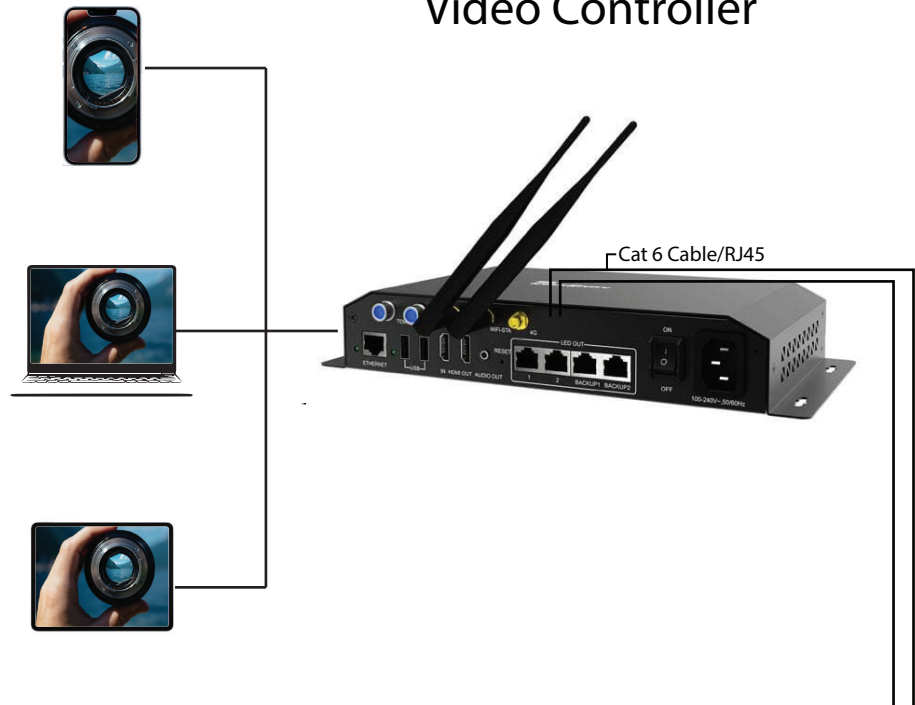
UHD

Models	: HD09,HD1,HD12,HD13, HD15,HD16
Pixels	: P0.9, P1, P1.25, P1.37, P1.53, P1.66
Screen Size	: 640x480 , Customisable
LED Type	: SMD
Aspect Ratio	: 16:9
Weight	: 12 KG/ SQM
Warranty	: 2 Years

- High-quality lamps, high-efficiency lamp brightness utilization rate, while guaranteeing lamp lifespan and high-quality plastic component
- High contrast can achieve good display effect.
- The weight is easy to install and disassembly.
- Single point and single lamp maintenance can be carried out, with low cost.
- It is driven by a constant current, with uniform light emission and low power consumption.



Video Controller



Easy intelligent control of displays

Taurus Series Multimedia Player is widely used in advertising, digital signage, and other commercial applications. Taurus is also effectively used in Smart Cities for pole screens, scientific community displays, colored public transportation displays, and more.

Safe and stable for worry-free operation

- › Designed with safety in mind to keep troubles far away
- › Automatically connects to optimal signal, no longer a need to worry about signal loss
- › Comprehensive record of daily logs with full status monitoring
- › Real-time watchdog monitoring with automatic error correction
- › Receiving card cascading and redundant backup for multiple levels of protection

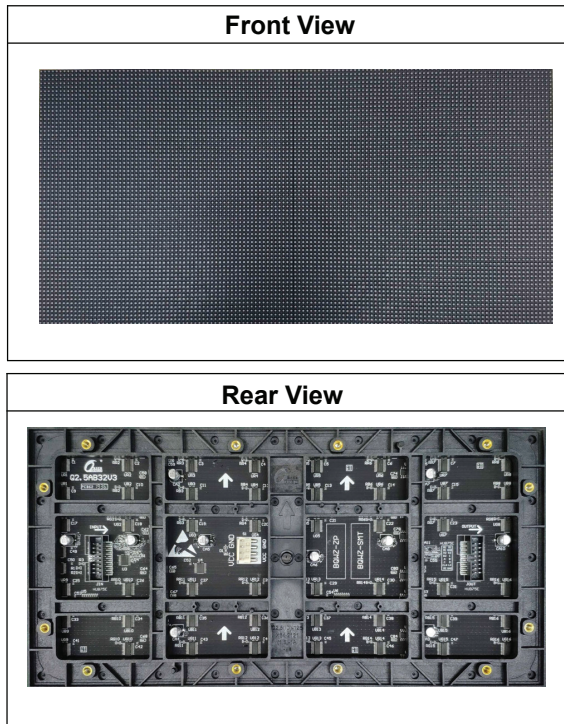
LED Screen



Technical Specification

Screen technical parameters

Module's Pictures



Remarks: The driver chip uses the SSOP package constant current driver chip;

Module	Pixel Pitch	1.2mm	Pixel Density	640000Dots/m ²
	Configuration	1R1G1B	LED Lamp	SMD1010
	Size (Width*Height*Depth)	320*160*14.5mm	Weight	0.52kg±0.01kg
	Structure	Lamp & IC in same PCB	Resolution	256*128=32768Dots
	Input Voltage (DC)	4.5±0.1V	Maximum Current	≤6.6A
	Power Consumption	≤30W	Driving Method	Constant Current 1/32Scan
	40A Power Supply for	3-4 pcs module	50A Power Supply for	5-6 pcs module
	40A PFC Power Supply for	5-6 pcs module	80A Power Supply for	8-10 pcs module
Cabinet	Cabinet Size (Width*Height*Thickness)		640mm*480mm*85mm (Thickness including module、 cabinet and connecting piece)	
	Cabinet Pixel Density		0.307m ²	
	Cabinet Area		8.32kg±0.05 kg	
	Cabinet Weight		≤178W	
	Cabinet Max Power Consumption		≤59W	
	Average Power Consumption (1/3 Max)		≤288W	
	Distribution Power (Power Supply Capacity 78%)		0.307m ²	



Module Specification

Screen	Brightness	≥600cd/m ²	Brightness Uniformity	> 0.95
	Horizontal Viewing Angle	160 ±10 degree	Vertical Viewing Angle	160 ±10 degree
	Best Viewing Distance	≥1.3 m	Black Spot Ratio	< 0.0003; 0 when shipped from the factor
	Max Power Consumption	≤580 W/m ²	Operation Environment	Indoor
	Grayscale	14-16bits (RGB each)	Display Color	4398 Billion
	Frame Frequency	≥60 frame/sec	Refresh Frequency	≥3840 Hz
	Control Mode	Computer control, Point-to-point, Video synchronization, real-time display	Brightness Adjustment	256-grade manual / automatic
	Input signal	DVI/VGA/HDMI/DP, composite video signal, S-VIDEO, YpbPr(HDTV)		
	Life Span	≥100,000 hours	Average Failure Free Time	≥10,000 hours
	Attenuation (3 years later)	≤15%	Operating Humidity	10%-65%RH (No condensation)

Product description

The indoor full-color display has a clearer and more delicate effect, and the resolution can reach above 1080P; achieves high refresh rate, high grayscale and higher lamp utilization; no residual image, anti-"caterpillar", low power consumption, low Surge and other functions;

The indoor full-color display is mainly composed of a red LED chip, a green LED chip and a blue LED chip packaged into a matrix of pixels, and then fixed to a plastic package;

The indoor full-color display contains a driver chip and an input buffer chip, which can display video, image and text information when connected to the LED display control system;

Through the system control to drive the red LED, green LED and blue LED driver chips, 4,398 billion color conversions can be formed;

The unit board and the box body can be spliced arbitrarily in the horizontal and vertical directions to form different sizes of display screens;

Product features:

- High-quality lamp tube, high-efficiency lamp brightness utilization rate, while guaranteeing lamp tube service life and high-quality plastic parts
- High contrast can achieve good display effect
- The weight is easy to install and disassemble
- Single point and single lamp maintenance can be carried out, with low cost drive LED with constant current, uniform light emission and low power consumption.



UHD Series Applications



CASE STUDY INDOOR

Indoor LED screens ensures the vibrant ambiance and attracts audience attention, thus increasing the potential of branding. Hawaii has in-line products to suits each requirements of the indoor applications.



Flowers Channel



Seawood Mall, Mumbai



Police Academy, Kerala, India



Bannari Amman Institute of Technology



India's 1st Virtual Production Screen



Qatar Sports



Wrap Vibes



Defacto, Ezzdan Mall, Qatar



MAJOR CLIENTS





هواي تك تریدینف اند سیر فیسس ذ.م.م HAWAII TECH TRADING & SERVICES W.L.L

Hawaii Tech Trading & Services C.R.No : 150517, Doha-Qatar.
www.hawaiiledscreen.com , sales@hawaiigcc.com
Tel : +974 - 66 762 390 , +974 - 50 168 884

BRANCHES

DUBAI

Hawaii Star Trading L.L.C
Al Nahda Street,
Al Hilal Bank Building,
Dubai - United Arab Emirates

+971 562056777

SHARJAH

Warehouse no 1 -
Industrial Area 13 - Sharjah -
United Arab Emirates

+971 562056777

OMAN

Muscat Sky Development
Almaha St, Boushar,
Muscat Sultanate Of Oman
CR Number: 1396023
P.O.Box:123 P.C:111

+968 22478888

MUMBAI

HAWAII Sign And LED LLP.
G/SH11, ANGOLIMALA CHS LID.,
S.G. BARVE MARG, OFF MOTHER
DAIRY ROAD, NEHRU NAGAR,
KURLA(E), MUMBAI,400024,

+91-9702551222

CHENNAI

29, Ground Floor, Veerasami
Street, Egmore High Rd, Egmore,
Tamil Nadu - 600008

+91-8589 980 123

HYDERABAD

First Floor, Shop No -111
Beside Lotus Hospital
The Down Town Mall
Lakadi Ka Pul Hyderabad

+91-8589 980 123

BENGALURU

OmShreen #32, 1222, 26th
Main Rd,9th Block, Jayanagar,
Bengaluru, Karnataka - 560069

+91-9207 304 222

CALICUT

Near Aster Mims Hospital
Bypass Road Mankave
Calicut ,Kerala

+91 - 9207 804 222

KOCHI

440/365 A2, Ground Floor,
Vattekunnamkara Muttar,
Edappally,Kochi, Kerala - 682024

+91-9207 311 222

