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HAWAII™
LED SCREEN


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PRIME SERIES LED SCREEN

The Hawaii Outdoor Prime Series is a fixed outdoor LED display designed to be installed on a storefront, building facade, or on a standing pole. It is clearly visible to both walking and driving customers, making it perfect for businesses in high-traffic areas to promote offers, products, and services and bring more customers inside. The screen is built with durable, weatherproof materials for all weather conditions and comes with a rear-service design for easy and quick maintenance. It can display any content such as text, images, and videos, with customized pixel resolutions available based on your viewing distance and location.

Prime Series

PM2 | PM3 | PM4 | PM4.8 | PM5 | PM6 | PM8 | PM10

Outdoor Cabinet

- Waterproof
- Versatility
- Good Value of Money
- Highly Durable
- Safe Installation and Maintenance



- Thin & Light Panel
- High Brightness
- Seamless Connection
- Customized Metal Cabinet
- Easy Maintanance

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Prime Series

Models	PM3 | PM4 | PM4.8 | PM5 | PM6 | PM8 | PM10
Pixels	P2.5,P3, P4,P4.8, P5, P6, P8, P10
Cabinet Size	CUSTOMIZABLE
LED Type	SMD
Material	GI
Weight	14 KG / SQM
Warranty	2 Years

Features

- Outdoor prime series module
- PWM driver IC, 4K refresh rate, no waterless ripple.
- The kit is made of high-grade raw materials, with good toughness and not easy to be deformed.
- LED lamp is well split and have good brightness uniformity.
- Mechanical engineering design of reinforcing ribs to ensure product flatness.

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

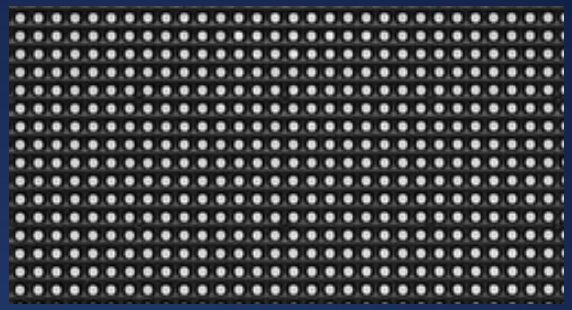


Technical Specification

Screen technical parameters

Module's Pictures

Front View



Rear View



Module	Pixel Pitch	P10mm	Pixel Density	15625Dots/m²
	Configuration	1R1G1B SMD 2727	LED Lamp	King light SMD
	Size (W*H*D)	320x160x17mm	Weight	0.55kg±0.05kg
	Structure	Lamp & IC in same PCB	Resolution	32x16
	Input Voltage (DC)	4.5±0.1V	Maximum Current	≤10.34A
	Power Consumption	≤30W	Driving Method	Constant Current 1/6Scan
	40A Power Supply for	2-3 pcs module	50A Power Supply for	3-4 pcs module
	40A PFC Power Supply for	3-4 pcs module	80A Power Supply for	5-6 pcs module
Cabinet (Magne-sium Cabinet)	Cabinet Size (W*H*T)	960mm*960mm*104.5mm (with module, cabinet) 960mm*960mm*169.5mm (with module, cabinet, connecting plate)		
	Pixel Density	10000 Dots/sqm		
	Cabinet Area	0.9216 m²		
	Cabinet Weight	29.7kg±0.5kg		
	Cabinet Max Power Consumption	≤838W		
	Average Power Consumption (1/3 Max)	≤279W		
	Distribution Power (Power Supply Capacity 78%)	≤1074W		

Module Specification

Screen	Brightness	≥7500	Brightness Uniformity	>0.95
	Horizontal Viewing Angle	140 ± 10 degree	Vertical Viewing Angle	130 ± 10 degree
	Best Viewing Distance	≥42.5M	Black Spot Ratio	<0.0003
	Max. Power Consumption	≤909W/ m^2	Operation Environment	Outdoor
	Grayscale	14-16 bits (RGB each)	Display Colour	4398 Billion
	Frame Frequency	≥60~120 3D	Refresh Frequency	≥3840 Hz

Precautions

Item		Description
Environmental Precautions	Temperature requirement	Storage temperature range: -10° C - 30° C, over 30° C needs to do cooling treatment. Operating temperature range: -20° C - 40° C, other temperature range, need to install temperature control equipment. Lamp surface temperature (working time): ≤85°C, temperature control equipment is required to be installed when temperature exceeding the standard.
	Humidity requirement	Storage humidity range: 10% RH-60% RH, humidity over 60% RH requires dehumidification treatment. Operating humidity range: 10% RH-90% RH, If the humidity exceeds the standard it must be dehumidified before it can be used normally.
	Avoiding	Corrosive gas, which contains alkaline or acid gas in the