RADIANT SERIES

HAWAII™
LED SCREEN

Common
Cathode
Design



- **Brightness more than 10,000 nits**
- **IP Rate: IP68** (Front and Rear)
- **Easy maintenance -** Front & Rear Maintenance
- **Quality assurance -** Nationstar gold wire lamp
- **Aluminum module -** Strong heat dissipation capacity
- **Die-casting aluminum cabinet -** Light weight, convenient for transparentand installation



Radiant series is a new generation of outdoor LED cabinet with waterproof modules. The module and control/power box are independent to each other, to improve the uniformity and eliminate the heat influence. Due to its independent structural design, the Radiant series can be equipped with simple easy LED display cabinet to achieve splicing of different sizes. With a 45° beveled edge, it can meet the needs of special-shaped splicing displays.

- Right-angle and convex solution ready.
- The modules are connected in star link instead of daisy chain to avoid the inline failure.
- Single cable connection for both power and data to simply the cabling. The waterproof airplug to the control/power backpack provides the stable connection.
- The module and control/power box are independent to each other, to improve the uniformity and eliminate the heat influence.
- Common cathode with lower power consumption.

Radiant 4 / Radiant 5 / Radiant 5.7 / Radiant 6.67 / Radiant 8 / Radiant 10

4mm / 5mm / 5.7mm / 6.67mm / 8mm / 10mm

Cabinet Size (WxHxD) - 960x960x66mm

High Refresh Rate - 7680Hz

Horizontal Viewing Angle - 160° / Vertical Viewing Angle - 160°

IP68 Waterproof



HDR High Dynamic

> 10,000nit White balance brightness up to.
> 3000~10,000K Colour temperature adjustable colour realistic



HAWAII LED SCREEN

www.hawaiiledscreen.com

Ultra - clear Picture Quality

10,000 nits hihg brightness intelligent module design, support HDR, 16 bit + 9 bit processing mode, display more dynamic range and image details.

1680 Hz High Refresh Rate

> The image is very stable under the cameras of the mobile phones.

> Barcode is readable by the mobile phones to enable a more efficient interactive advetisement.





Waterproof Air Pressure Adjustable Device

Waterproof breathing valve can ensure that the gas can go in and out freely, while water molecules will not enter, and it is safe to use in rainy and wet conditions.

Star Type Connection Method

The LED module adopts star connection, independent waterproof module and independent control combination. Integrated power and signal combination “star” connection. Independent units work separately, thermal insulation to avoid mutual interference.

Outdoor PH 10mm LED Pannel

Item	Description	Unit
Pixel pitch	10	mm
LED lamp brand	Nationstar	
LED Type	SMD 2727 Gold	
IC Model	ICN2153S	
Module size	480x320	mm
Module resolution	48x32	dots
Module pixel	1,536	dots
Module house material	Aluminum	
Cabinet size	960x960x85	mm
Cabinet resolution	96x96	dots
Cabinet pixel	9,216	dots
Cabinet material	Die-casting Aluminum	
Cabinet weight	25	Kg/sqm
Brightness	>10,000	nits
Refresh rate	7680	Hz
Pixel density	10,000	Dots/sqm
IP grade	IP68 (back and rear)	
View Angle	Horizontal 140° Vertical 120°	
Brightness Control	Red, Green and Blue 256 Grade / Each	
Frame Frequency	50--60	Hz
Input Voltage	AC220V / 50Hz or AC110V / 60Hz	
Defects Rate	≤0.00001	
Power Consumption	Max: 800W/m² Average: 250W/m²	
MTBF	>10,000 hours	
Life span	≥100,000 hours	
Earth Leakage Current	<3	mA
Temperature-operating	- 30°C ~ 60°C	
Humidity-operating	10% ~ 95%	