HAWAII LED SCREEN

SIGMA SERIES



ULTRA-LIGHT MODULES, MAXIMUM ADAPTABILITY

Slim and agile modules offer total freedom for architectural integration and invisible designs

- High Definition
- Ultra Sleek
- IP45 Rated
- Energy Efficient
- BIS Certified
- Premium Finish

Sigma Series

The Sigma Series by Hawaii LED Screens redefines indoor displays with razor-sharp clarity and ultra-sleek design. Engineered for high-end spaces, it delivers immersive visuals that captivate and command attention, setting a new benchmark for digital brilliance.

Model	P1.5 SIGMA SERIES	P1.8 SIGMA SERIES	P2.0 SIGMA SERIES	P2.5 SIGMA SERIES	P3.07 SIGMA SERIES	P4.0 SIGMA SERIES
LED Encapsulation	SMD 1212	SMD 1515	SMD 1515	SMD 2121	SMD 2121	SMD 2121
Driving Method	Constant Current 1/52 scan	Constant Current 1/43 scan	Constant Current 1/40 scan	Constant Current 1/32 scan	Constant Current 1/26 scan	Constant Current 1/20 scan
Pixel Pitch	1.53mm	1.8mm	2mm	2.5mm	3.07mm	4.0mm
Brightness	600 nits	600 nits	800 nits	800 nits	1000 nits	1200 nits
Ingress Protection	Front/Rear: IP35/IP45	Front/Rear: IP35/IP45	Front/Rear: IP35/IP45	Front/Rear: IP35/IP45	Front/Rear: IP35/IP45	Front/Rear: IP35/IP45
Optimal Viewing Distance	≥1.5m	≥1.8m	≥2m	≥2.5m	≥3.07m	≥4m
Module Size	320 mm x 160 mm.	320 mm x 160 mm.	320 mm x 160 mm.	320 mm x 160 mm.	320 mm x 160 mm.	320 mm x 160 mm.
Module Resolution	208 x 104	172 x 86	160 x 80	128 x 64	104 x 54	80 x 40
View Angle	Horizontal 140° Vertical 130°	Horizontal 140° Vertical 130°	Horizontal 140° Vertical 130°	Horizontal 140° Vertical 130°	Horizontal 140° Vertical 130°	Horizontal 140° Vertical 130°
Input Voltage	AC120/240 V/50Hz	AC120/240 V/50Hz	AC120/240 V/50Hz	AC120/240 V/50Hz	AC120/240 V/50Hz	AC120/240 V/50Hz
Defects Rate	≤0.0001	≤0.0001	≤0.0001	≤0.0001	≤0.0001	≤0.0001
Power Consumption (Max)	390 W/m²	460 W/m²	488 W/m²	488 W/m²	724W/m²	786W/m²
Power Consumption (Avg)	140W/m²	162W/m²	184W/m²	184W/m²	241W/m²	334W/m²
Power Supply	BIS Certified	BIS Certified	BIS Certified	BIS Certified	BIS Certified	BIS Certified
MTBF	>10,000 hours	>10,000 hours	>10,000 hours	>10,000 hours	>10,000 hours	>10,000 hours
Life span	≥100,000 hours	≥100,000 hours	≥100,000 hours	≥100,000 hours	≥100,000 hours	≥100,000 hours
Humidity-operating	10%~95%	10%~95%	10%~95%	10%~95%	10%~95%	10%~95%
Temperature-operating	-20°C~50°C	-20°C~50°C	-20°C~50°C	-20°C~50°C	-20°C~50°C	-20°C~50°C
Refresh Rate	≥7680 Hz	≥7680 Hz	≥7680 Hz	≥7680 Hz	≥7680 Hz	≥7680 Hz

Module Size

Module Resolution

