HAWAII™
LED SCREEN

Qatar's Trusted
LED Screen



www.hawaiiledscreen.com

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EXPERIENCE UNRIVALED FLEXIBILITY

Hawaii sets a new standard in LED innovation with our Indoor Flexible LED Screens. Bend, curve, and create any shape, from concave, convex, wave, cylinder to 360° designs,with seamless picture quality, ultra-thin magnetic modules and easy installation.

Sigma Flexible

INDOOR LED DISPLAY MODULE

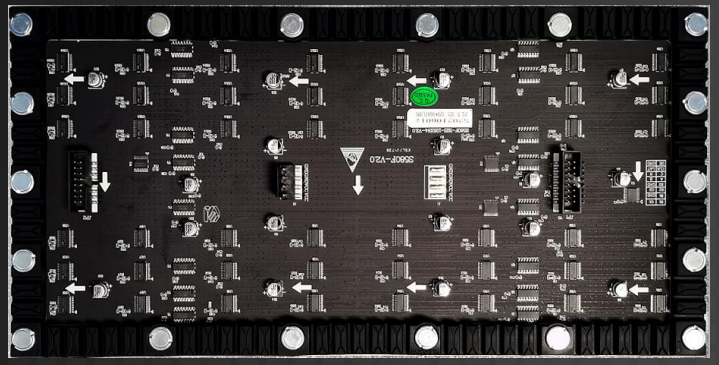
High Resolution | Thin Design | Curve | Fixed Install | Indoor | Nove Controller

Indoor Full-color Flexible LED Display Module

Hawaii sigma flexible LED module is ultra-thin, ultra-light, ultra-flexible and convenient to use and its ID connotation is flexible light strips. Having efficient installation method,which is magnetic column+steel structure. Sigma flexible modules can be spliced into creative displays such as curved screens, cylindrical screens, curved screens, etc.



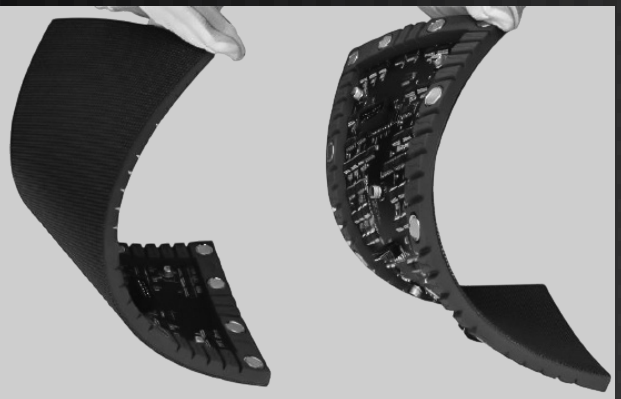
- The view angle reach 160° vertically and 140° horizontally, which is suitable for creative curved surface display such as stage background, exhibition hall and shopping mall.
- The flexible LED display adopts strong magnetic adsorption, which is directly adsorbed, convenient for installation and maintenance and has high safety and stability.
- Small footprint, and the maximum module thickness is only 10mm.
- Using distributed scanning and modular design technology, higher reliability and stability.
- The grayscale can reach 16bit, and the color is richer.
- The refresh rate can reach 1920-6000HZ, presenting images without delay and smear.




DIOR
LOUIS VUITTON

Easily Build Concave & Convex Curves

Spice up your imaging landscape via seamless convex or concave curved video walls with angles, curves and just about any other creative design.



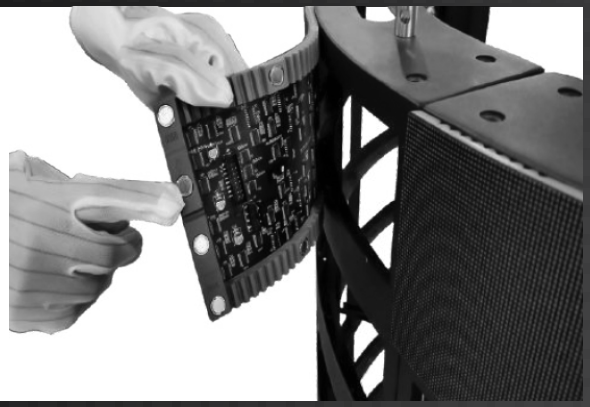


Front & Rear Serviceability

The module can be maintained and disas sembled from the front & rear end, Single module replacement is made easy, improving serviceability in the field

Magnetic Design

Magnetic mounts allow for attachment to virtually any surface enabling the most creative LED designs.



Reliable Data & Power Management

External sending and receiving control, paired with quality connectors, guarantee safe and relable connections between each SIGMA Mod Adaptive.



Cable Wire



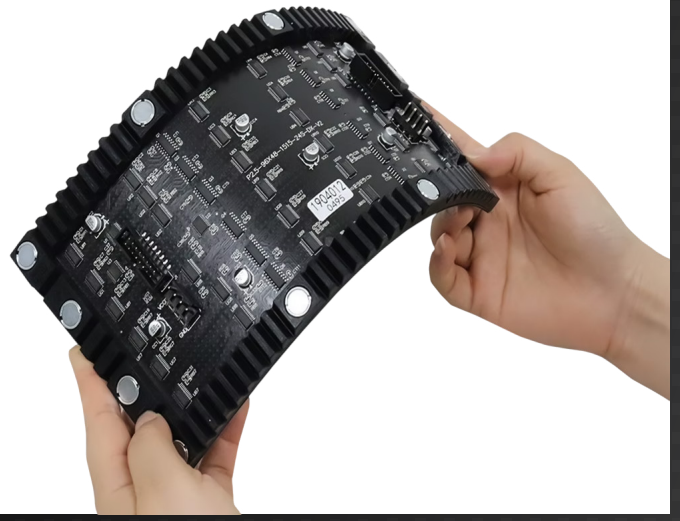
5V Power Cord



Coloured Wiring

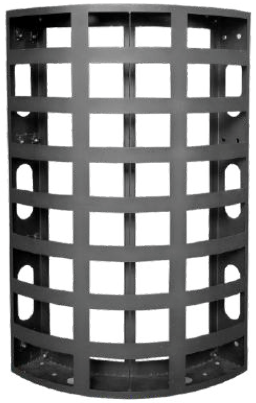


Network Cable



Custom Frames

SIGMA Series Tiles can be attached to vitsually any sorrace wla magnets with each project being utique, the OftEr-spech designed and manufactured to accomplish your unique design and deployment







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





Specification

Items	SG1.8
Gray Scale (bit)	1/32
Pixel Pitch	1.86
Module Resolution	172x86
Module Size (mm)	320 x 160
Pixel Density	160000
Brightness (cd/m^2)	600 -1000
Refresh Rate (Hz)	3840
Module Weight (Kg)	0.46
Max Current (A)	≤5A
Screen Power Consumption(W/M^2)	<440
Optimum Viewing Distance (m)	> 1.8 Meter
LED Encapsulation	SMD1515
Driving IC	PWM-SS IC
Optimum View Angle (°)	Horizontal:140° Vertical:130°
Gray Scale (Bit)	16-bit (281 trillion color)
Attenuation	<15%
MTBF	> 10000hours
Defective Rate	<0.0003, 0 before delivery
IP Grade	Front IP31, Rear IP41

Remarks & Key Precautions

1. Temperature requirement:

Storage temperature range: -10–30°C, over 30°C needs to do cooling treatment. Lamp surface temperature (working period): ≤60°C, temperature control equipment is required to be installed when temperature exceeding the standard.

2. Humidity requirement:

Storage humidity range: 10% RH–60% RH, humidity over 60% RH requires dehumidification treatment.

3. Keep away from water:

Indoor products have low level of protection, water can make the module short circuit, and leads to circuit device damage, so it is necessary to keep away from the water source.

4. If the product has been stored for more than one month, need to do 6 hours of aging test before it can be used.

The aging mode is: 10% Full brightness setting – 1H, 30% Full brightness setting – 1H, 60% Full brightness setting – 2H, 80% Full brightness setting – 1H, 100% Full brightness setting – 1H (increase brightness gradually in aging test).

5. Before the maintenance of the display, it is necessary to turn off the main power of the screen before the operation.

6. People who come into contact with the product must wear an electrostatic wristband and electrostatic gloves, and all electric tools used in the maintenance and installation process must be strictly grounded.