

FI SERIES OUTDOOR LED DISPLAY DESIGNED FOR NORTH AMERICA

NewStar
Display Solution

MODEL NO.: FI1690D

OUTDOOR LED SIGNS & DIGITAL BILLBOARDS

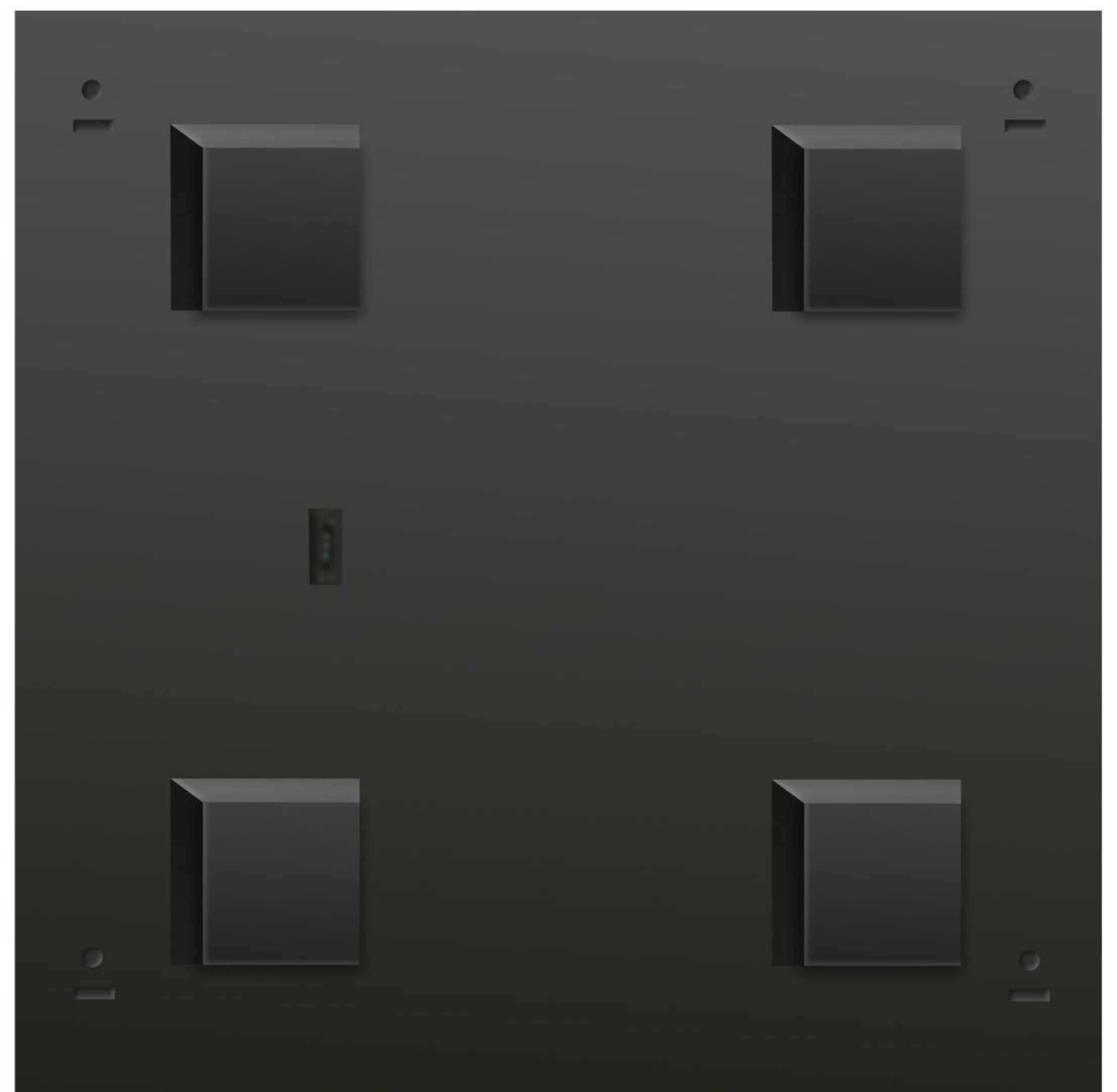
HIGH PRECISION ALUMINUM FRAME

STANDARD MODULE SIZE 1 FT X 1 FT

HIGH BRIGHTNESS & HIGH CONTRAST

REAL IP 65 FRONT AND REAR

SUPPORT CUSTOM MADE DEMAND



FEATURES



ENERGY SAVING



HIGH CONTRAST RATIO



HIGH BRIGHTNESS



EASY MAINTENANCE



IP 65 WATER PROOF

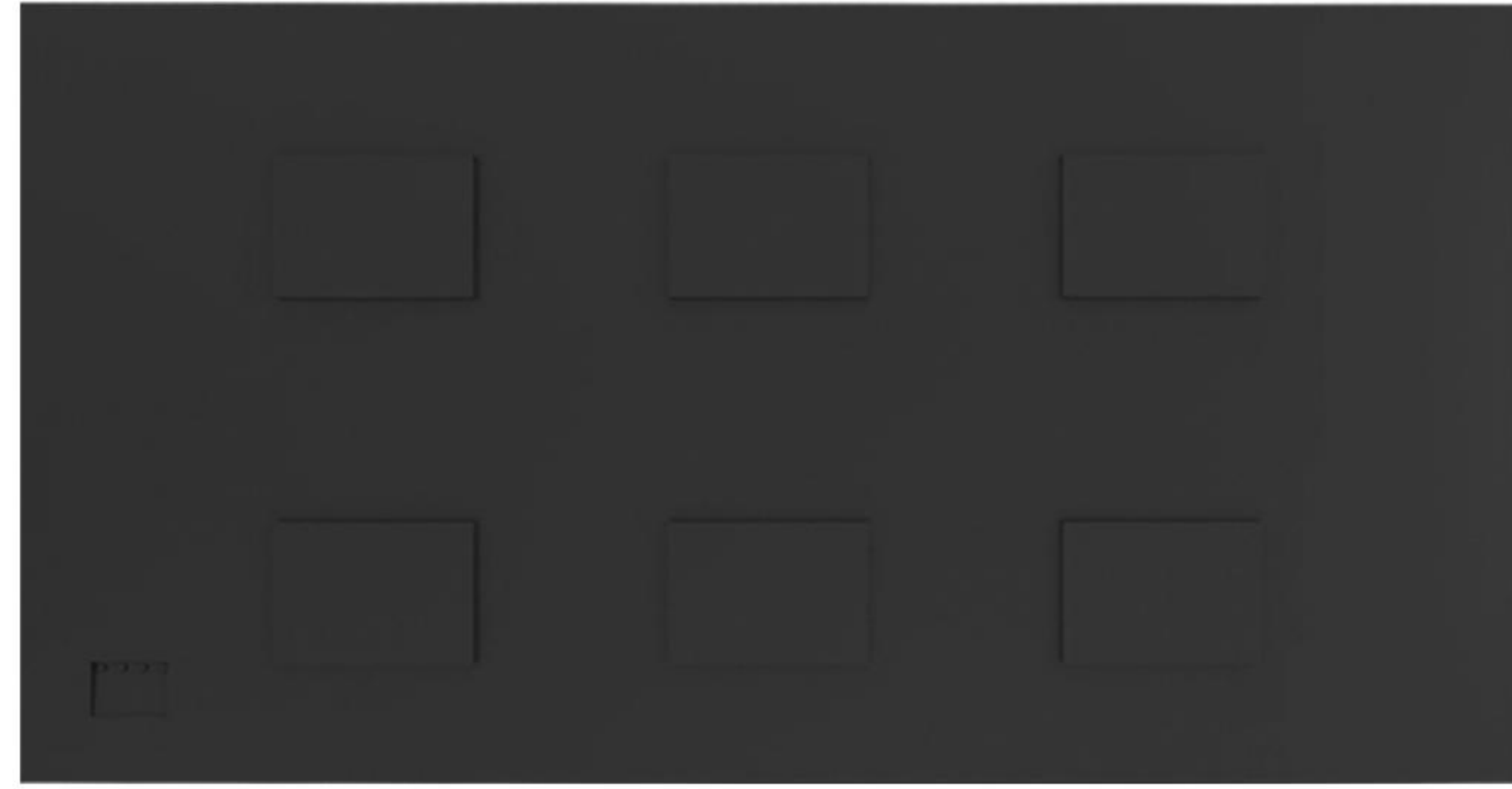


HIGH-DEFINITION DISPLAY

Module Size

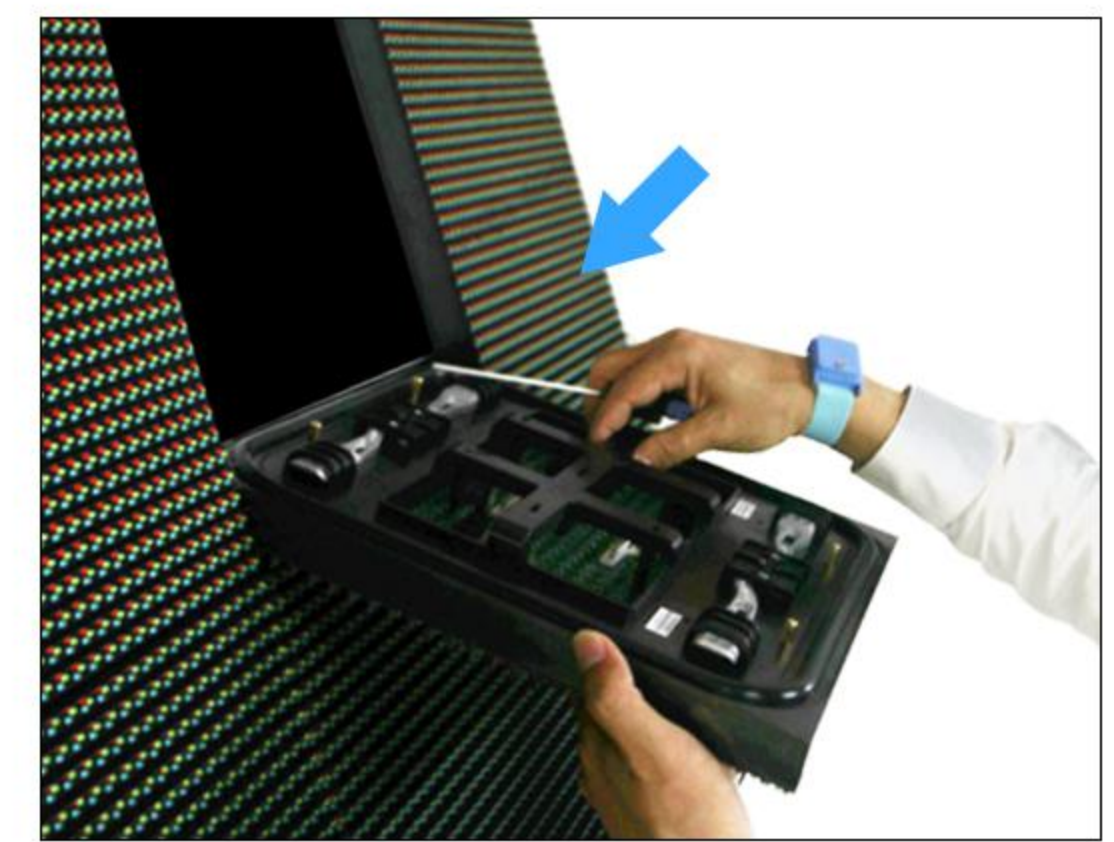
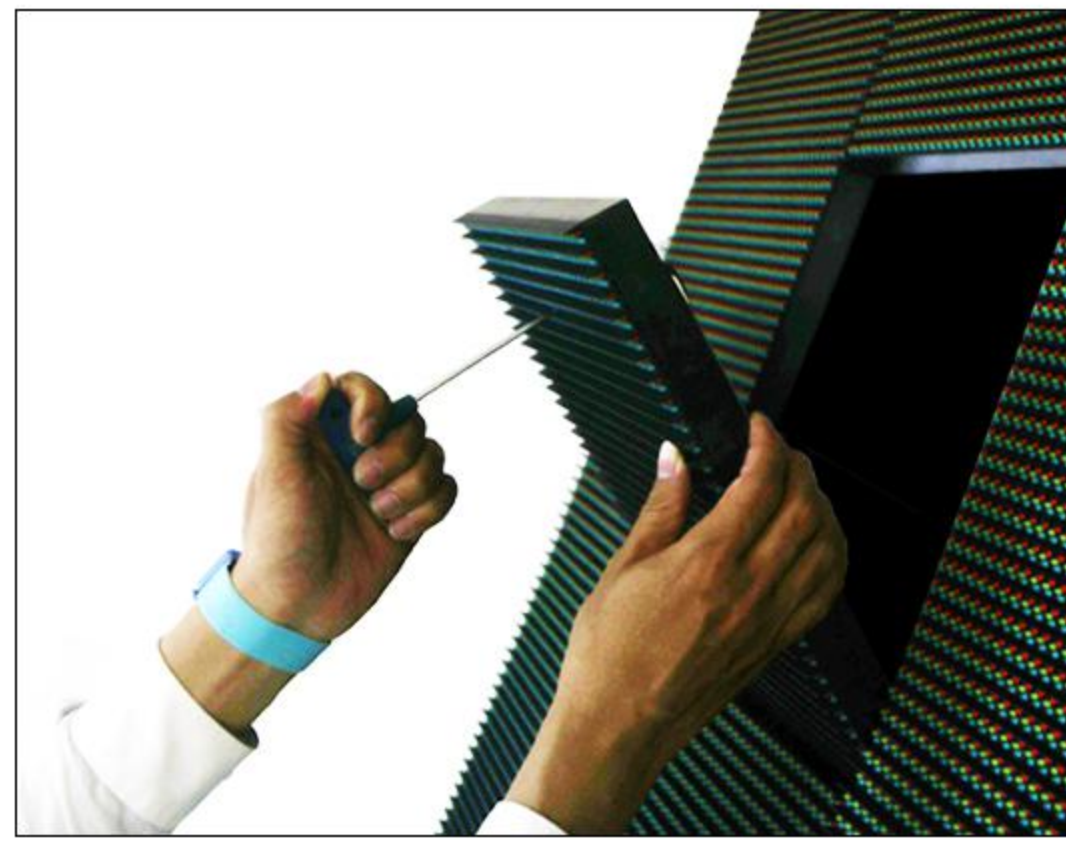
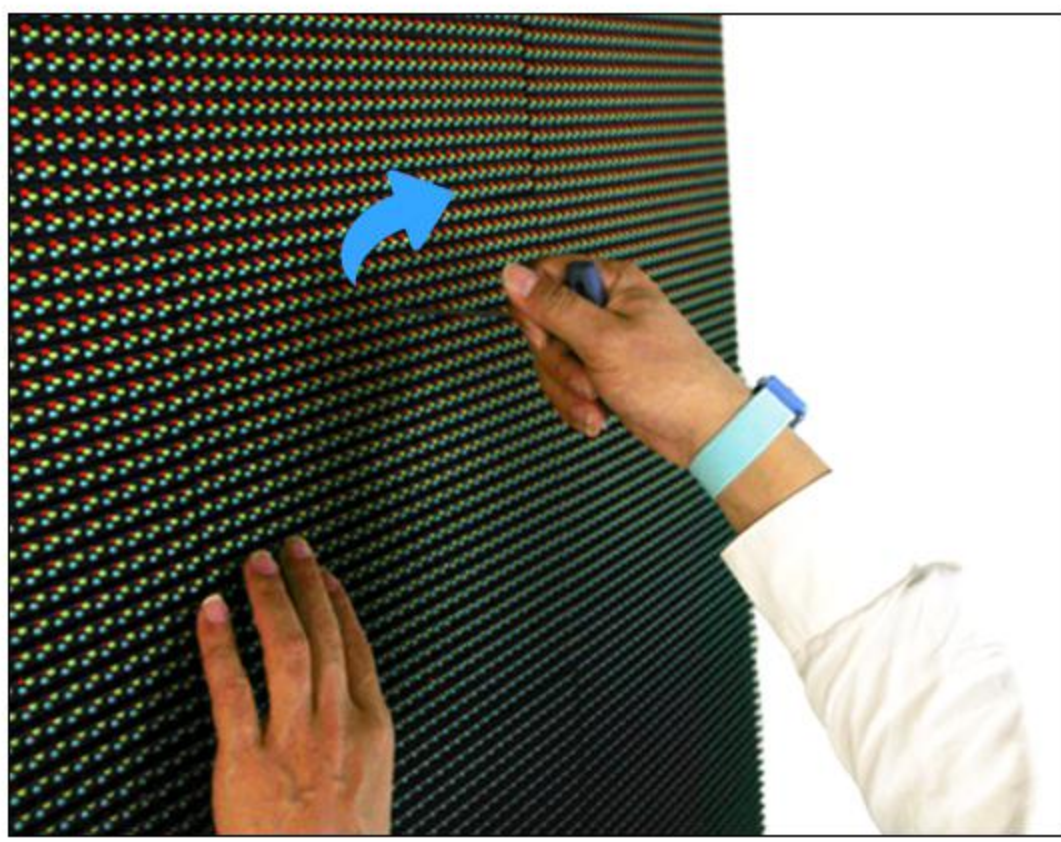


Customized Panel Size



| | ITEMS | PARAMETERS |
|-----------------------|--|----------------------------|
| Physical Parameters | LED Configuration | DIP346 |
| | Pixel Pitch (mm) | 16.93 |
| | Module Resolution(dots) | 18x18 |
| | Panel Resolution(dots) | Customized |
| | Pixel Density (dots /m ²) | 3,481 |
| | Module Size (W x H x D) /(mm) | 1'x1'(304.8mmx304.8mm) |
| | Panel Dimension (W x H x D) /(mm) | Customized |
| | Panel Material | Aluminum |
| | Panel Module Composition(W xH) | Customized |
| | Panel Weight(Per/ sqm) | 45 |
| | Module Weight(Per/kg) | 1.5 |
| Optical Processing | Color processing (Bit) | 16 |
| | Grey Level | 65536 |
| | Refresh Rate (Hz) | ≥1920 |
| | Driving Mode(scan) | Constant Static |
| | Brightness (nit) | 8000 |
| | Viewing Angle (H/V) | 120°/65° |
| Electrical Parameters | Input Voltage (V) | AC110/220V±10% |
| | Input Power Frequency (Hz) | 50/60 |
| | Max Power (W/m ²) | 441 |
| | Average Power (W/m ²) | 147 |
| Operating Environment | Storage Temperature (°C) | From -10 to 40 |
| | Operating Temperature (°C) | From -20 to 50 |
| | Storage Humidity (RH) | 10%~90% |
| | Operating Humidity (RH) | 10%~90% |
| | IP Rating | IP65/IP54 |
| | Lifetime (hrs) | 100000 |
| | Usage Environment | outdoor fixed installation |
| | Panel Maintenance Method | Front/Rear Maintenance |
| Certification | CE/ RoHS/CCC/UL/ | |

01 Fast And Easy Maintenance



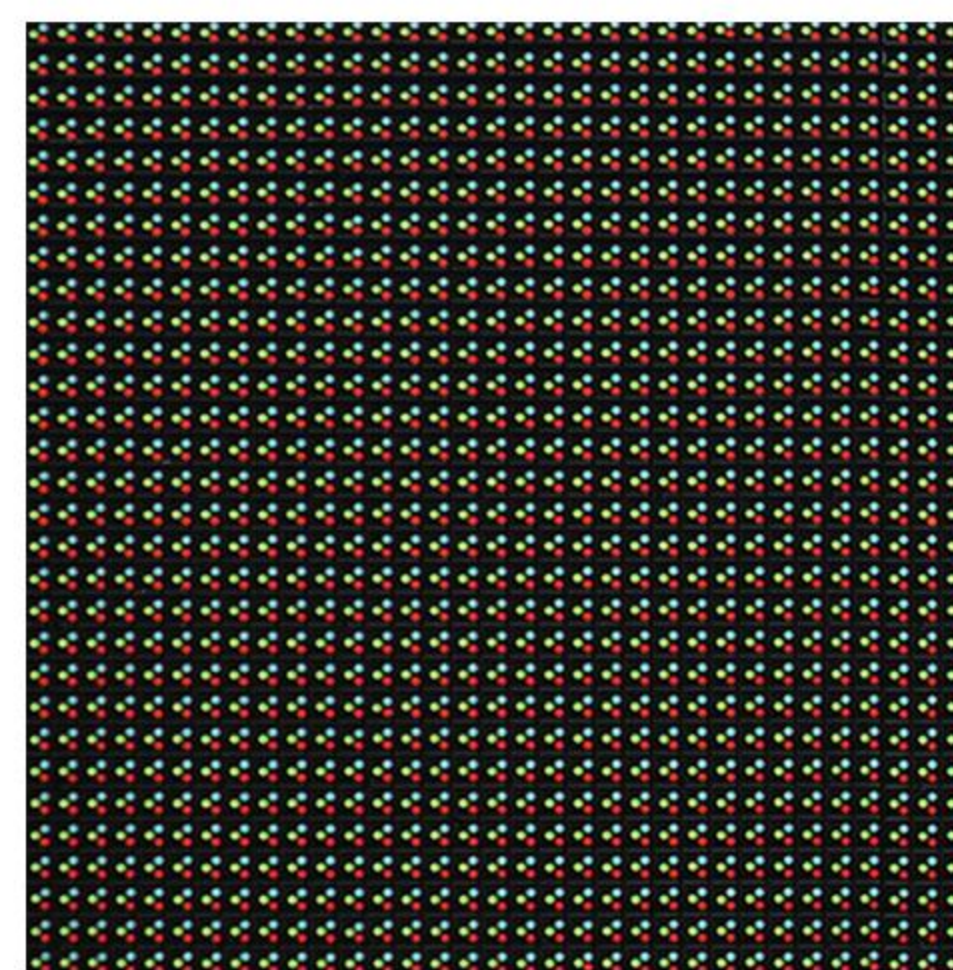
- Step 1: Use "T" Wrench and insert one hole of the module then rotate "T" wrench in anti-clockwise direction to unlock.
- Step 2: Repeat step 1 on the other hole to release the module separate from cabinet easily.
- Step 3: Disconnect power & data cable.

High Quality LEDs

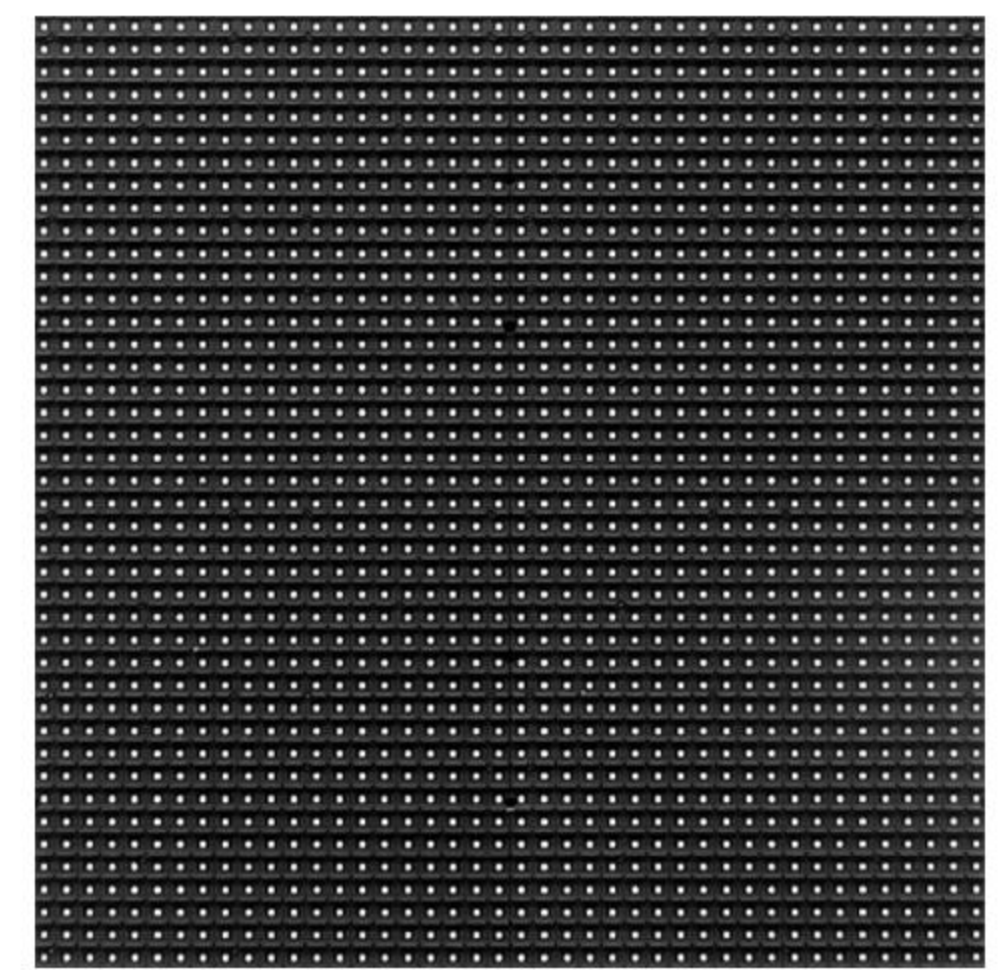
02



High Brightness & High Contrast



DIP LED Lights



SMD LED Lights

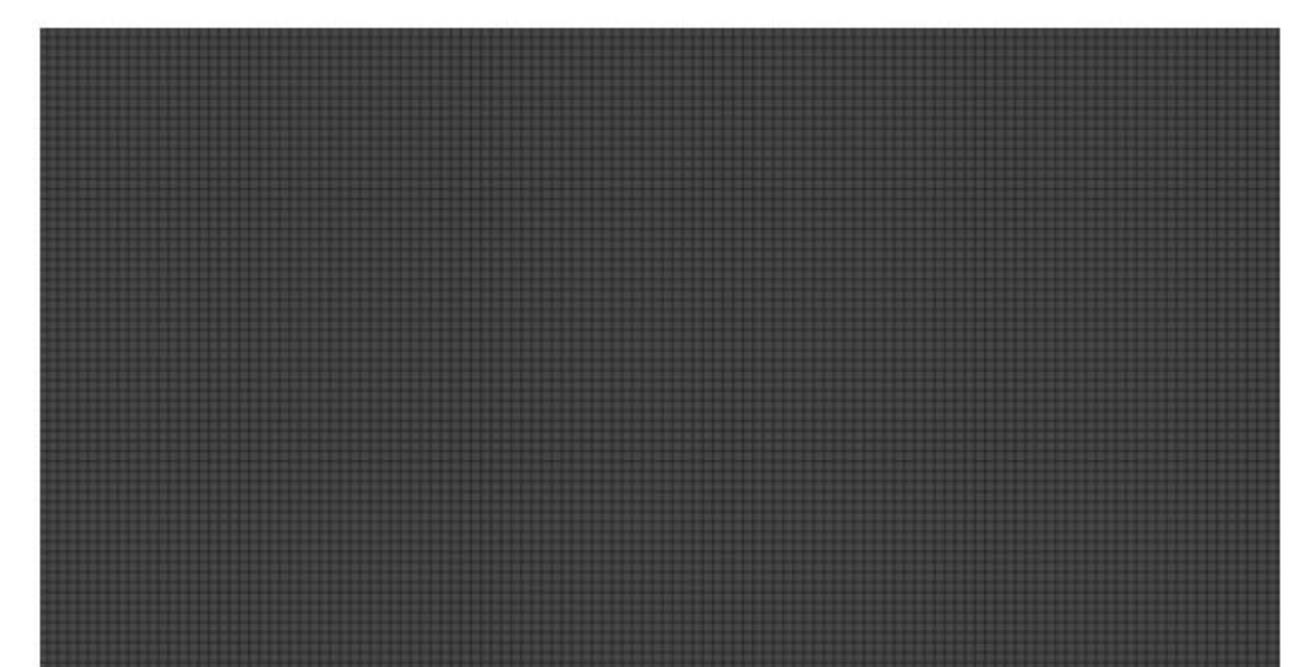
03 Custom Made Display Solution



Standard Module Size 1ft x 1ft

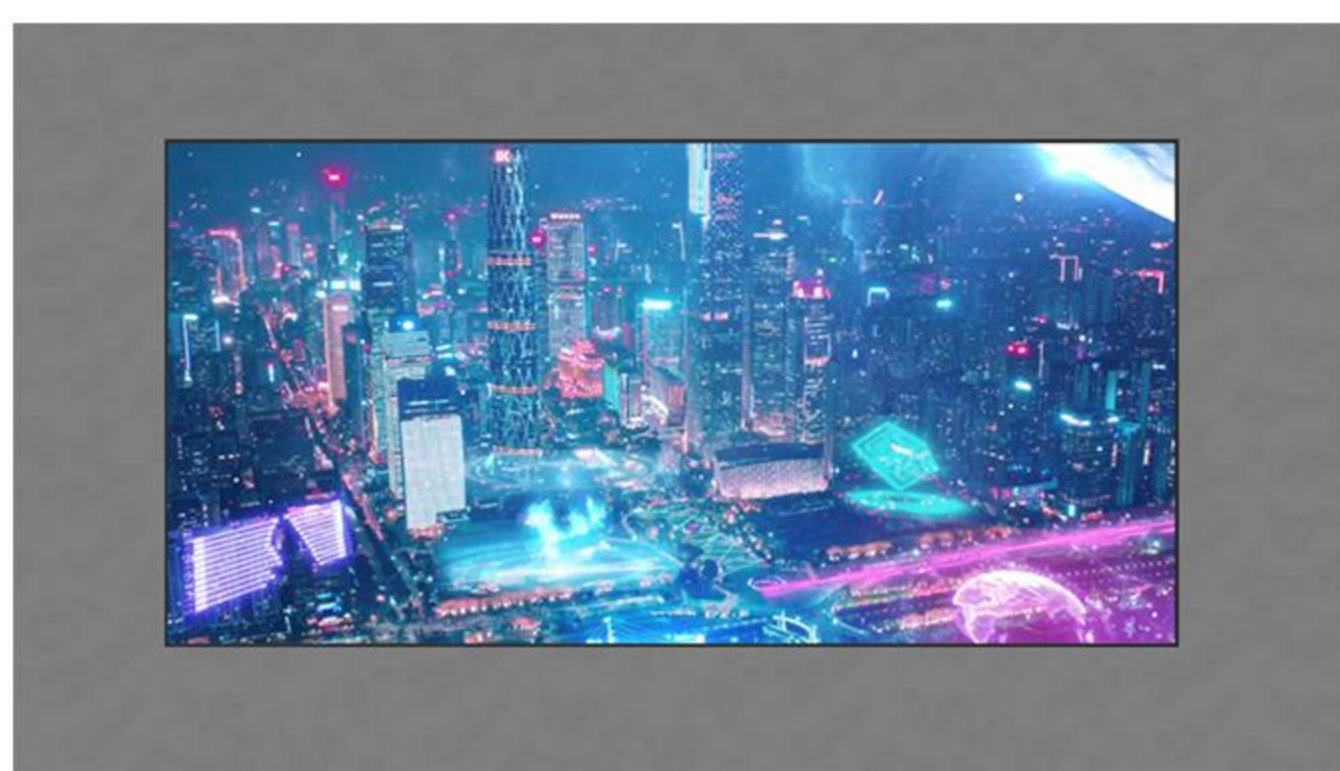


Flexibly designed for kinds of panel



Flexible Sizes & Installation Methods

04



Wall-mounted Installation Mode



Pillar Installation Mode