

# P3.91 Outdoor 500x500mm Die-Cast Aluminum Rental LED Display

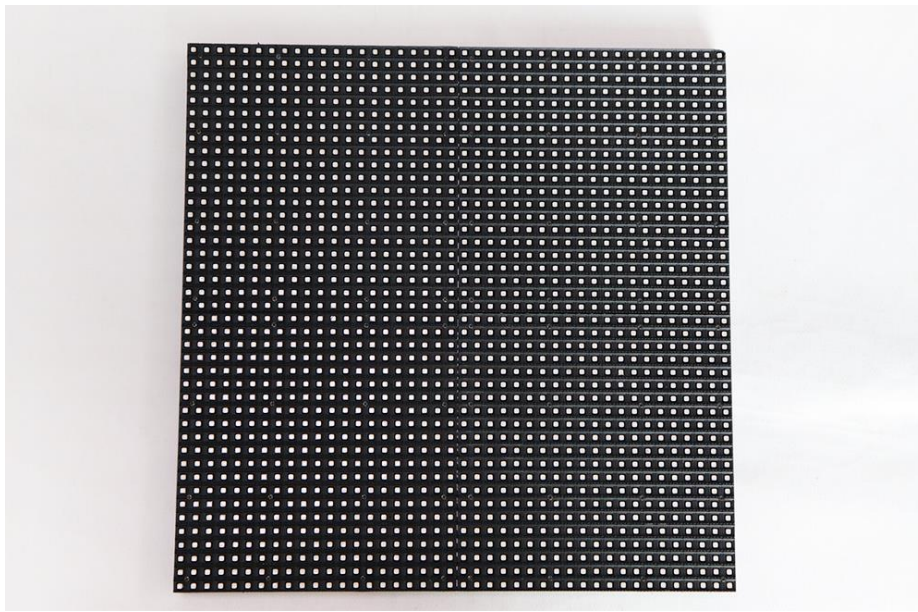
Model No.: **P3.91-OR16S-SMD1921-64x64-L500xH500**

### LED Lamp Specification



| Color | Package | Intensity | Viewing Angle | Wavelength | Testing Conditions |
|-------|---------|-----------|---------------|------------|--------------------|
| Red   | SMD1921 | 180mcd    | 120 °         | 622nm      | 25°C,15mA          |
| Green |         | 480mcd    | 120 °         | 522nm      | 25°C,8mA           |
| Blue  |         | 85mcd     | 120 °         | 472nm      | 25°C,5mA           |

### Module Photo




**Module Parameter**

|                     |  |
|---------------------|--|
| Pixel Pitch         | 3.91mm                                 |
| Pixel Configuration | SMD1921                                |
| Density             | 65,536pixels/m <sup>2</sup>            |
| Module Resolution   | 64pixel(L) *64pixel(H)                 |
| Module Dimension    | 250mm(L) * 250mm(H) * 18mm(D)          |
| Driving Mode        | Constant current, 1/16 duty            |
| Module Mask         | Pure black mask---high contrast screen |

**LED Cabinet**

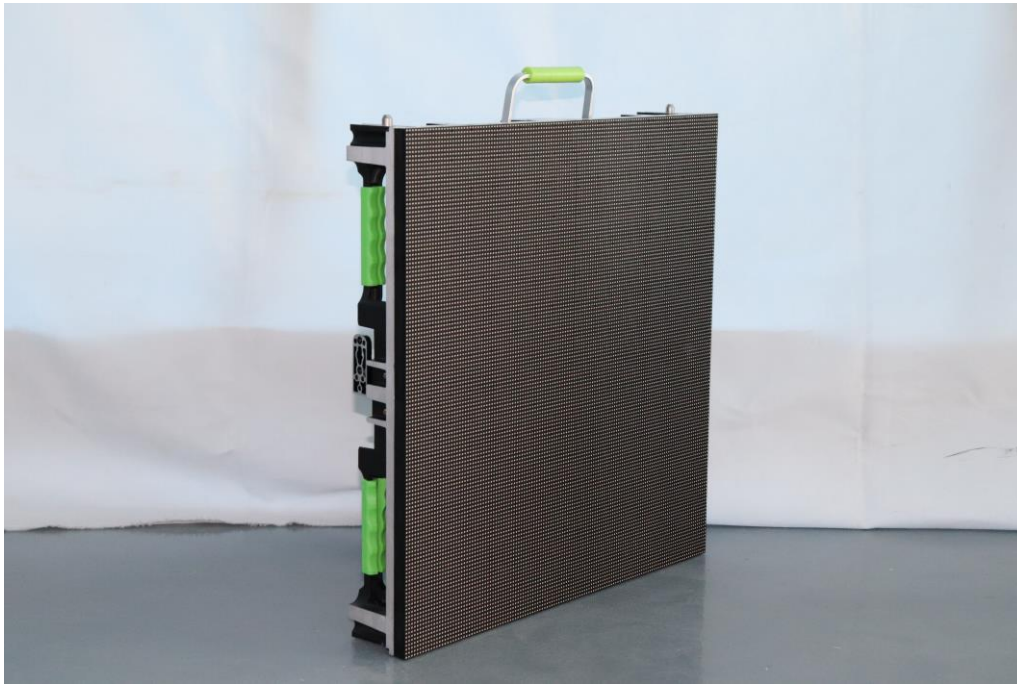


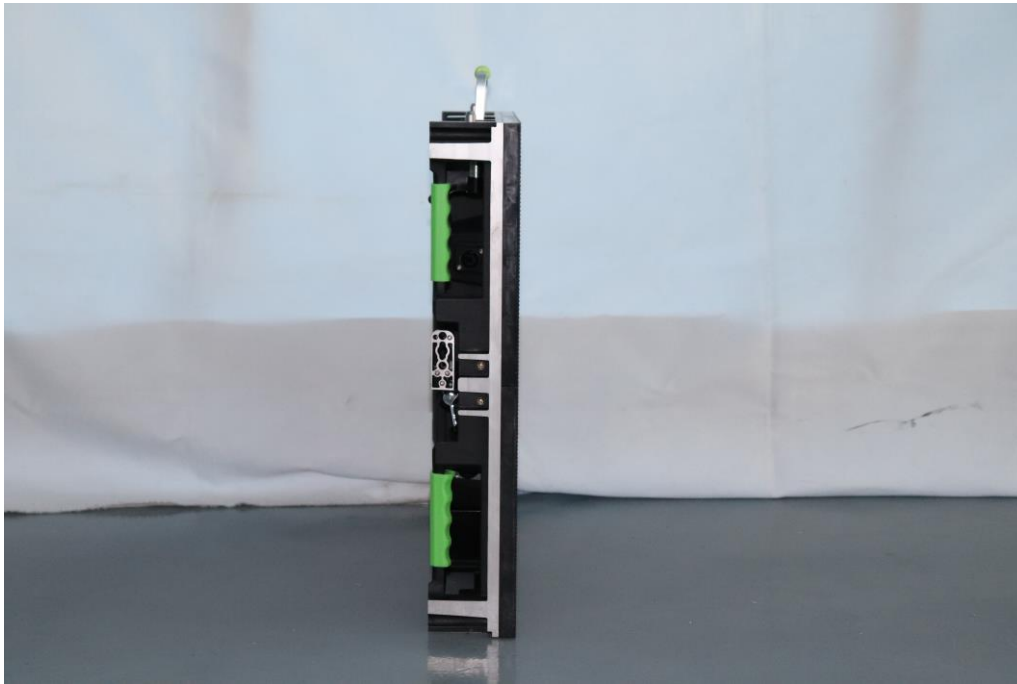
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|------------------------------|--|
| Module Quantity in a Cabinet | 2(L) *2(H)   |
| Cabinet Dimension            | 500(L) *500(H) * 80(D)mm                           |
| Cabinet Resolution           | 128(L) * 128(H)                                    |
| Cabinet Material             | Die-cast aluminum                                  |
| Cabinet Weight               | ≈7.8KG   |
| <b>Electricity Parameter</b> |  |
| <b>Optical Ratings</b>       |  |
| Brightness                   | ≥6,000 cd/m <sup>2</sup>                           |
| Viewing Angle                | 120°(Horizontal); 120°(Vertical)                   |
| Best Viewing Distance        | ≥4m  |
| Gray Grade                   | 14 bits  |
| Display Color                | 4.4 trillion Colors                                |
| Brightness Adjustment        | 100 grades by software or automatically by sensor  |
| Operation Power              | AC100-240V 50-60Hz Switchable                      |
| Max. Power Consumption       | 720W/m <sup>2</sup>                                |
| Avg. Power Consumption       | 240W/m <sup>2</sup>                                |
| <b>Control System</b>        |  |
| Frame Frequency              | ≥60Hz  |
| Screen Refresh Frequency     | ≥1,920Hz   |
| Input Signal                 | Composite Video, S-video, DVI, HDMI, SDI, HD-SDI   |
| Control Distance             | 100m(Ethernet cable);<br>20KM(optical fiber cable) |

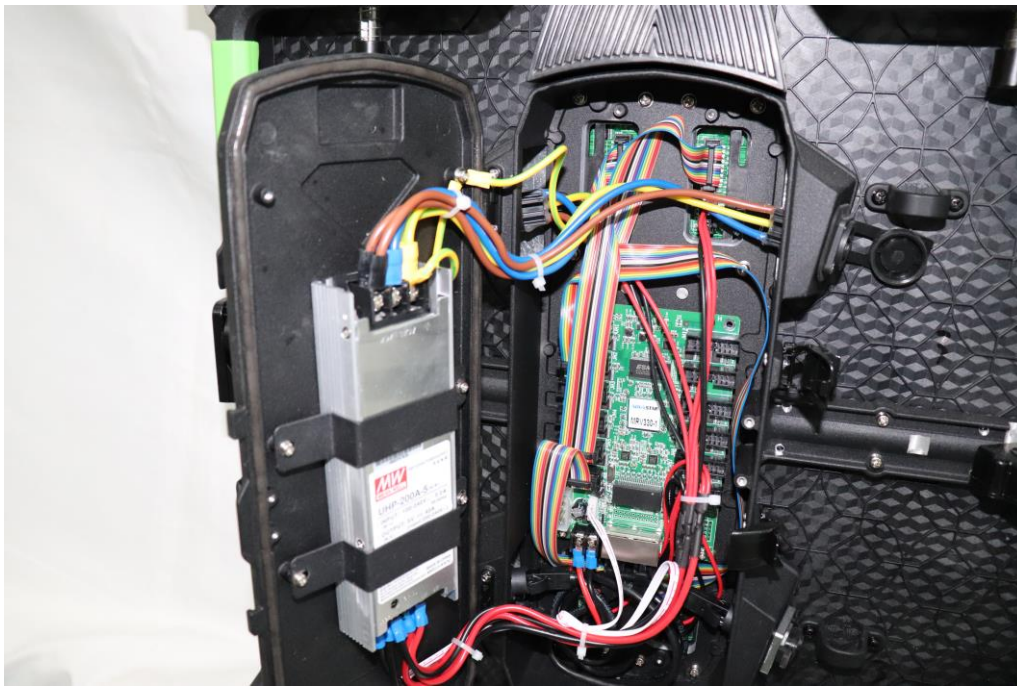
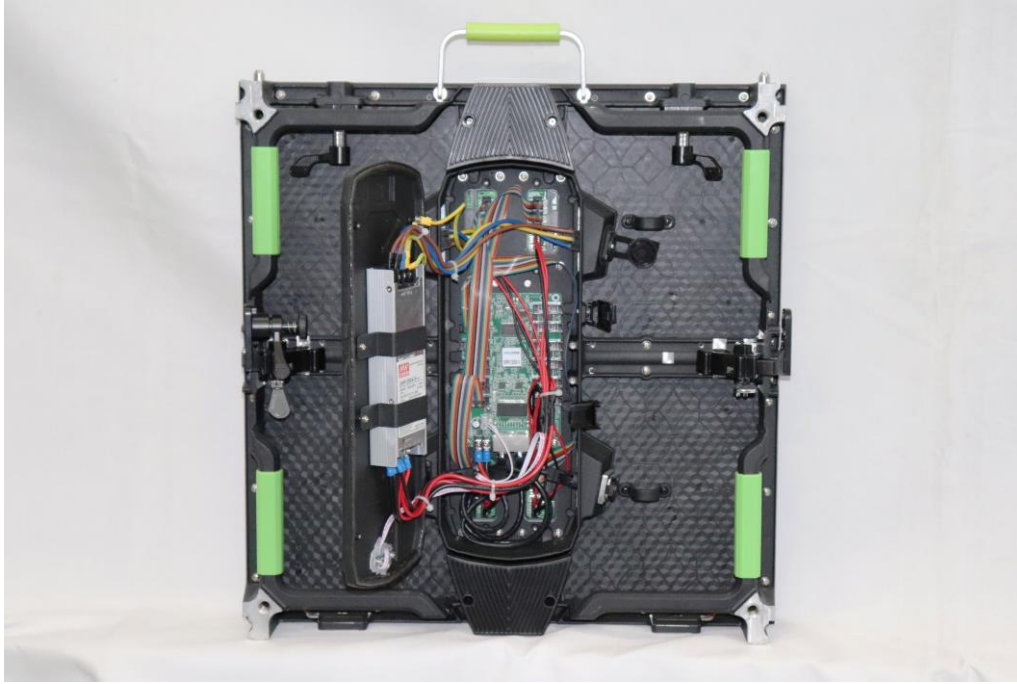
|                           |  |
|---------------------------|--|
| Support VGA Mode          | 800*600, 1024*768, 1280*1024, 1600*1200              |
| Color Temperature         | 5000—9300 adjustable                                 |
| Brightness Correction     | Pixel by pixel, module by module, cabinet by cabinet |
| <b>Reliability</b>        |  |
| Working Temperature       | -20~+60 °C   |
| Storage Temperature       | -30~+70 °C   |
| Working Humidity          | 10%~90% RH   |
| Lifetime                  | 100,000 hours  |
| MTBF                      | 5000 hours   |
| Continuous Operating Time | ≥72 hours  |
| Protection Grade          | IP31   |
| Out-of-Control Pixel Rate | ≤0.01%   |

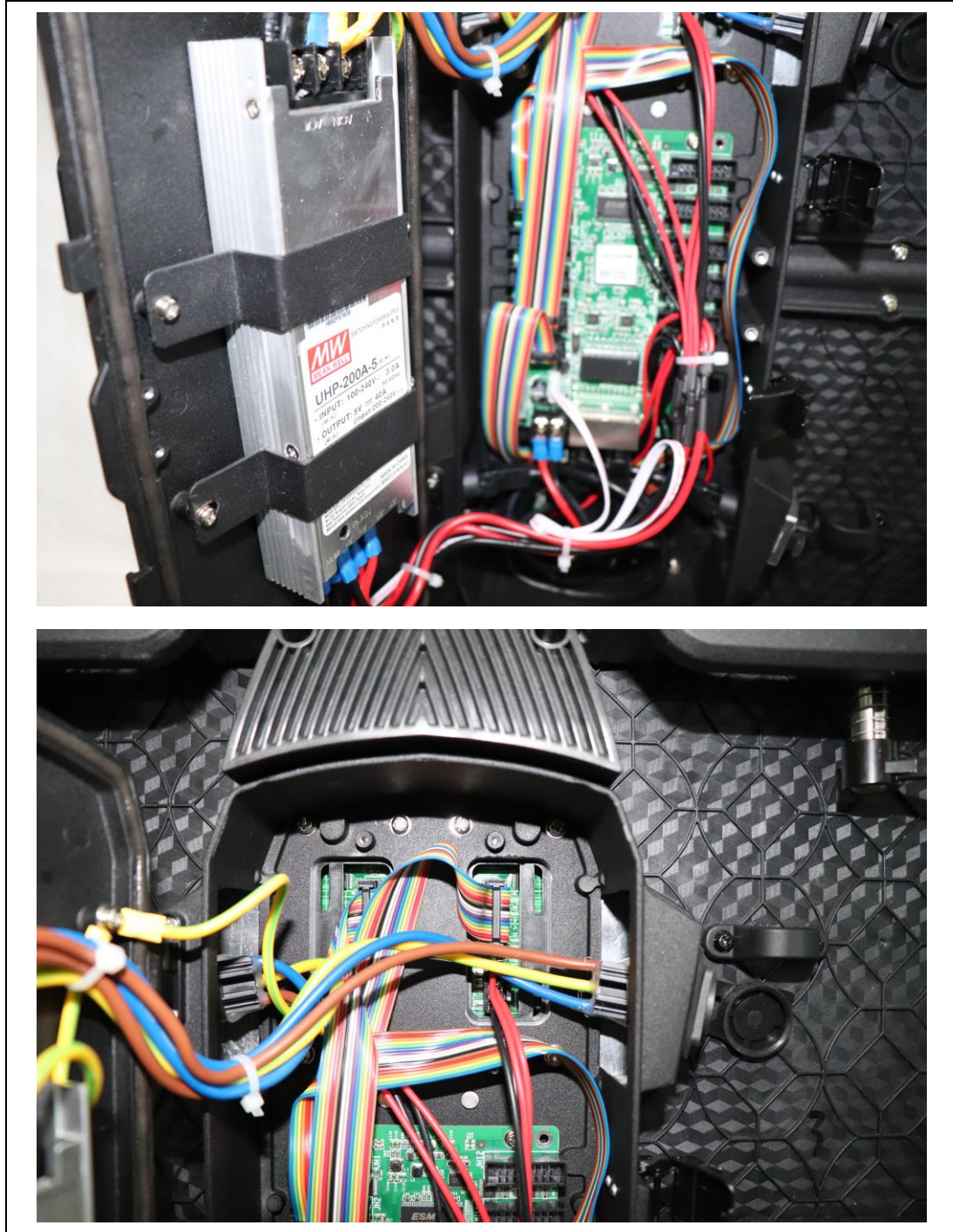
### Cabinet Details



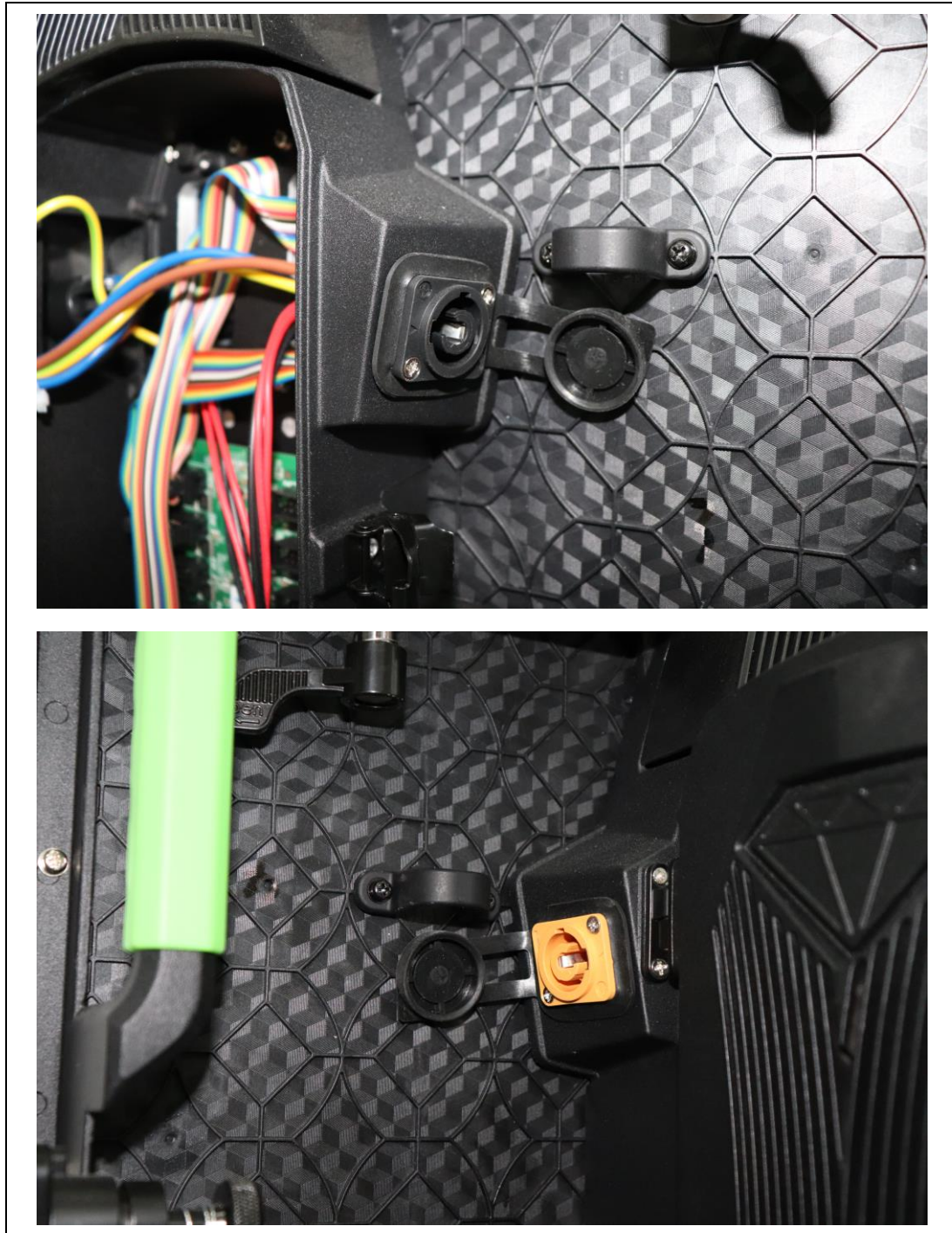






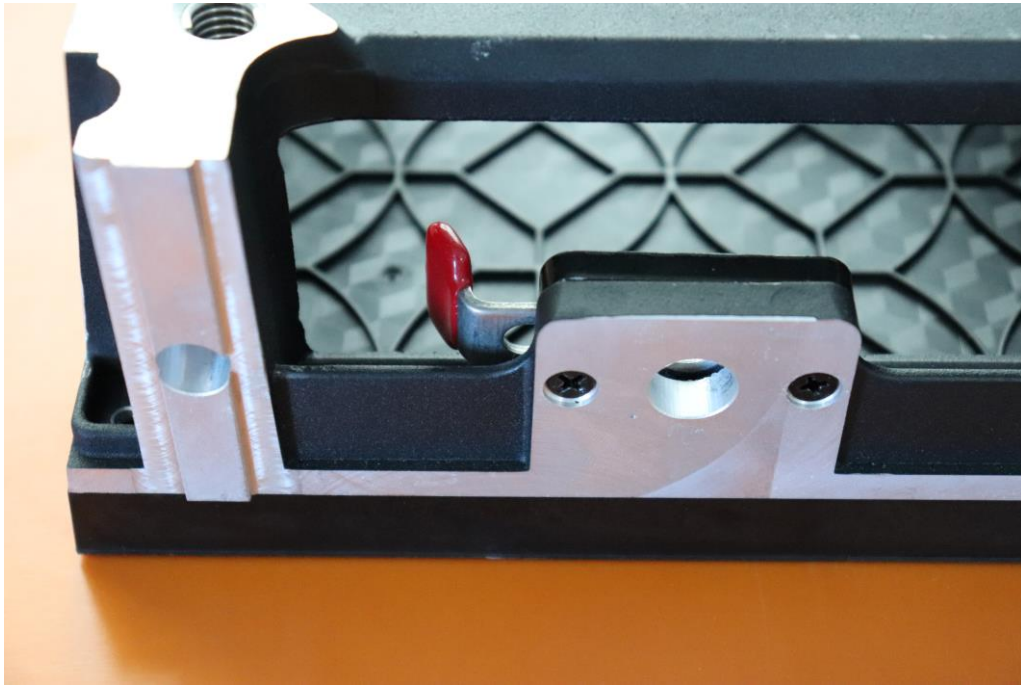












Package



