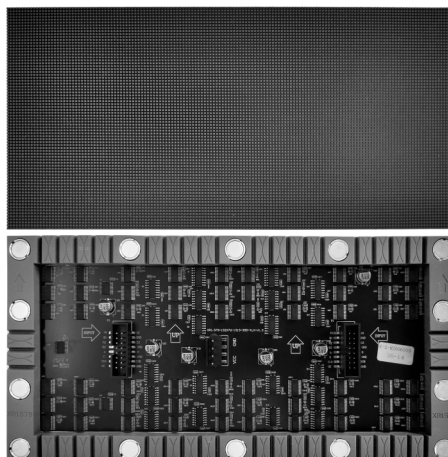




# Indoor Soft LED Video Wall

## TV-PM251-RX



### Descriptions

The module is soft, with unique design and easy installation. The mask is made of silica gel, smooth and chromatic. The module has strong softness, so it can be assembled into any kind of modeling. For example, the module and the bottom fixing frame (or cabinet) can be made into cylindrical, S-shaped, wavy and other shapes. The soft module can also be used to make the corresponding cabinet, so that the surface of the screen is smooth and good-looking; The cabinet signal cable and power cable are connected by quick connection, with convenient installation and easy operation.

### Features

- \* It can be used for real-time monitoring and displaying the scene situation and playing various advertisements.
- \* Seamless splicing without visual black seam.
- \* The display unit is flexible and compact, smooth splicing for flat and curved surfaces.
- \* Dc low voltage power supply, natural heat dissipation, no fan, zero noise.
- \* Failure only requires maintenance of a single LED pixel or a single module, with low maintenance cost and fast speed.
- \* Supporting image correction, using gamma correction technology, can achieve brightness color correction point-by-point.
- \* Support intelligent light control, brightness can be intelligently adjusted, improve picture comfort, and save energy and electricity.
- \* Super wide viewing Angle, the display screen has a larger visual range, and the picture is still clear when viewing from any Angle.
- \* Super high refresh speed, good picture continuity and high picture fluency.
- \* The picture is exquisite and realistic, and the grayscale is still excellent under the condition of low brightness.
- \* Support ultra HD display, adopt unique image quality enhancement technology, effectively improve the image clarity, high-speed picture smooth without shadow dragging.

### Specifications

|                                                 |                                                  |
|-------------------------------------------------|--------------------------------------------------|
| Model                                           | R2.5                                             |
| Pixel Pitch                                     | 2.5mm                                            |
| LED Encapsulation                               | SMD2121                                          |
| Resolution                                      | 160000 dot/m <sup>2</sup>                        |
| Lamp/IC                                         | Nation Star copper wire/Double latch IC          |
| Pixel Composition                               | 1R1G1B                                           |
| Module Resolution                               | 240mm*120mm                                      |
| Module Dimension(mm)                            | 96*48                                            |
| Module Weight                                   | 6.1kg/m <sup>2</sup>                             |
| Operating Voltage                               | DC +4.2V~+5V                                     |
| Best Viewing Distance                           | ≥7.5m                                            |
| Horizontal Viewing Angle                        | ≥160°                                            |
| Vertical Viewing Angle                          | ≥160°                                            |
| Maintenance Method                              | Front Maintenance                                |
| Control Method                                  | Synchronous Control                              |
| Drive Device                                    | Constant Current                                 |
| Refresh Rate                                    | ≥1920Hz                                          |
| Refresh Frame Frequency                         | ≥60Hz                                            |
| Scanning Method                                 | 1/24S                                            |
| Brightness                                      | 800~900cd/m <sup>2</sup>                         |
| Gray Level                                      | 12/14/16bit                                      |
| Contrast                                        | ≥10000:1                                         |
| Attenuation Rate<br>(after Working for 3 Years) | ≤15%                                             |
| Brightness Adjustment Method                    | Automatic/manual: 1-100%                         |
| MTBF                                            | ≥10000H                                          |
| Lifespan                                        | ≤100000H                                         |
| Failed Rate                                     | ≤1/100000 and no continuous failed pixels        |
| Software                                        | Professional LED video wall programming software |
| Operating Temperature                           | -20°C~+70°C                                      |
| Operating Humidity                              | 10%~95%RH                                        |
| Operating Voltage(AC)                           | 220V±10%/50Hz or 110V±10%/60Hz                   |
| Average Power Consumption                       | ≤350W/m <sup>2</sup>                             |
| Maximum Power Consumption                       | ≤700W/m <sup>2</sup>                             |
| Mounting Cabinet Specification                  | Magnetic suction front maintenance               |
| Brightness Uniformity                           | ≥98%                                             |
| Protection Level                                | IP50                                             |