

TS Series

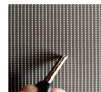
TV Studio LED Display P1.875



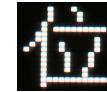
Without moire



7680Hz



Anti-collision



Softer light



Lightweight



50% Energy Saved



Fully Front Access



Large Viewing Angle

Two cabinet designs



- 600(w)mm×337.5(h)mm
- 36mm thickness
- 4.3kg/panel
- Die-casting Aluminum



- 600(w)mm×337.5(h)mm
- 57mm thickness
- 5.6kg/panel
- Die-casting Aluminum

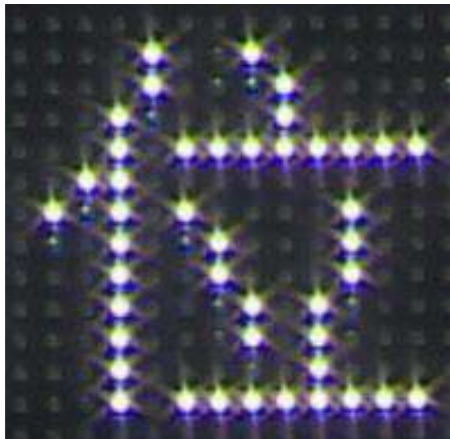
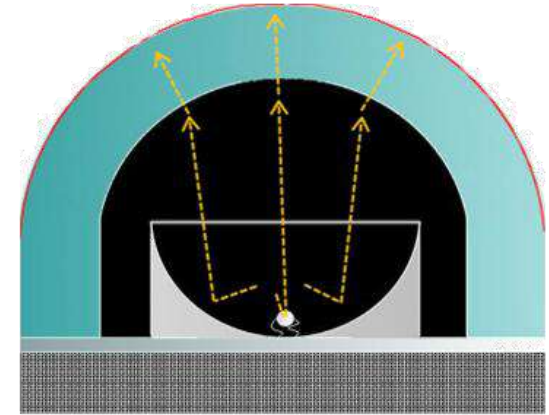
Fast Front Access

The power supply, receiving card, and module can be removed from the front side. This kind of concise and easy design allows removing and replacing modules fast in an emergency, especially when the technician wonders which part has issues. Fast problem-solving saves a large amount of labor costs.

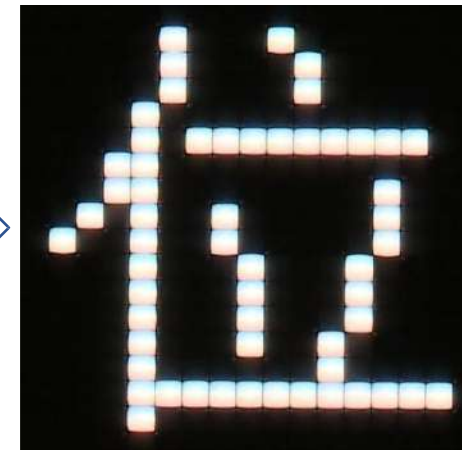
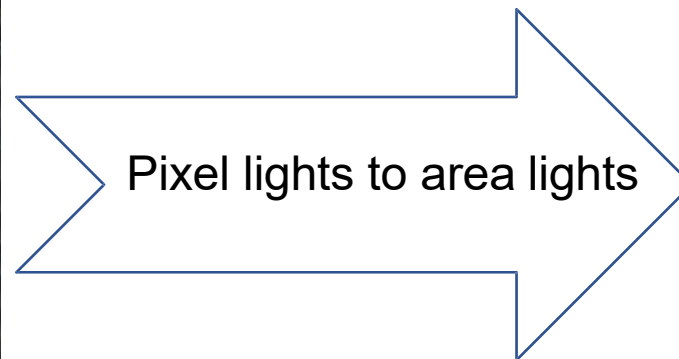


Zero Visual Gap

Compared with the traditional SMD panel, TS series changes from pixel light to surface light, which makes the picture light more uniform and soft. Ensure pixel continuity without visual gaps.



Regular SMD- pixel lights



TS Series - area lights



Blue light resistance

- Usually, the brightness can reach 500 nits, and the color is realistic. At the same time, the bright and soft picture is achieved, and the screen definition is not dazzling. But also can effectively shield 90% of LED blue light damage.

Anti-collision

A physical protective layer is applied to prevent the lamp beads. effectively solve the problem of traditional indoor LED display screen (water, dust and bumps). Also improve light utilization and enhance light contrast; The power consumption is reduced to one-third of that of small-pitch LEDs of the same area.



Easy to clean

Each lamp bead has a separate space to prevent static electricity damage and the screen can be wiped for easy cleaning. The entire structure is coated with a moisture-proof layer to safeguard the lamp beads and prolong their lifespan. The failure rate is extremely low. Even if a failure occurs, it can be solved through simple single-point maintenance, which improves usage efficiency and maintenance convenience.



No moire pattern

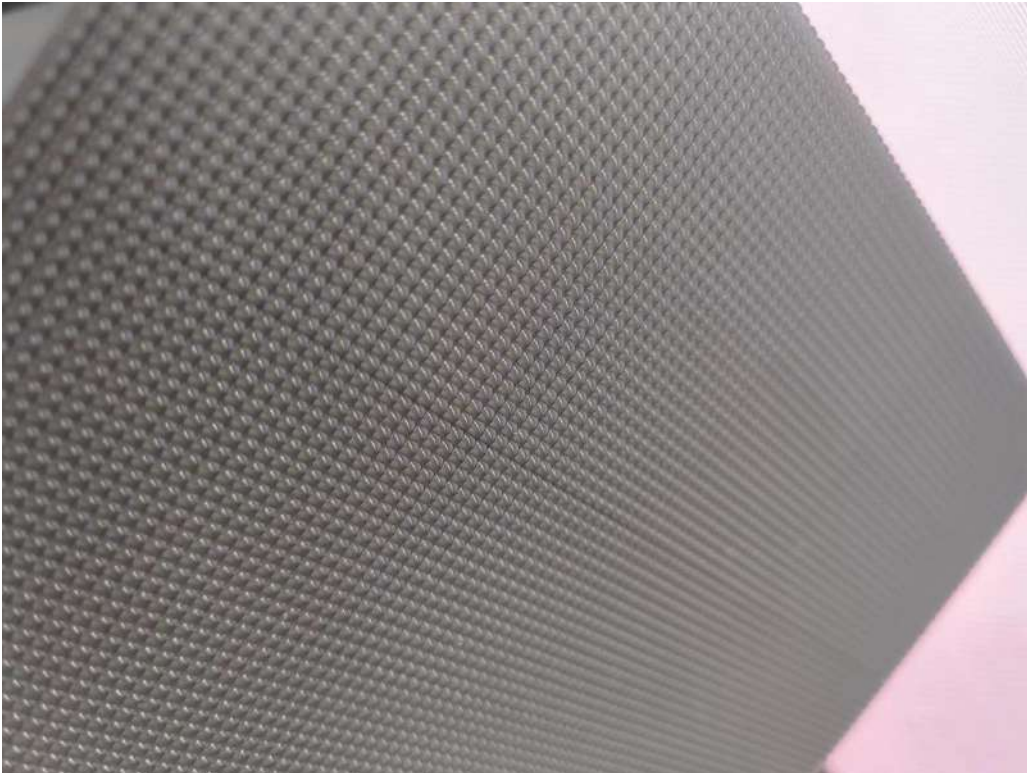
- It enhances light utilization and converts it into eye-friendly comfortable lighting. Additionally, it effectively eliminates over 80% of moire patterns on the screen, achieving 100% in specific circumstances.
- This is a patented product that is specifically designed for use in television studios. It eliminates the moire pattern when taking photos.



TV studio LED display

7680Hz refresh rate, no screen flicker

- TS series uses optical lens to improve the diffuse reflection effect, reduce screen flicker, and enhance user comfort.
- The high refresh rate ensures the smoothness of every frame of the images thus the LED display won't appear flicking on the highspeed camera.



Grid display technology & independent shadowcasting structure design

This display uses advanced grid display technology (WGHL) and has a unique shadowcasting structure design to make the picture clearer and more realistic. Through subtle pixel arrangement, each image displays exquisite colors and precise details, transporting you into a vivid visual world.

At the same time, the independent shadowcasting structure design not only ensures the stability of the display effect but also makes the visual experience more comfortable, making every moment you are immersed in it full of fun and surprises.



Super color restoration ability & high color gamut coverage

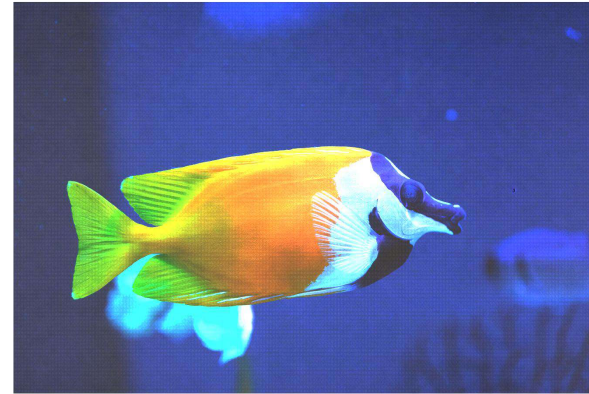


TS series products stand out for their excellent color reproduction capabilities and wide color gamut coverage. These products can not only accurately restore the subtle changes of each color, allowing you to see colors in the real world, but also present more delicate, vivid, and clear pictures. For example, when you watch a movie, TS series products can make you feel the saturation and realism of the colors in every picture as if you are immersed in the scene.

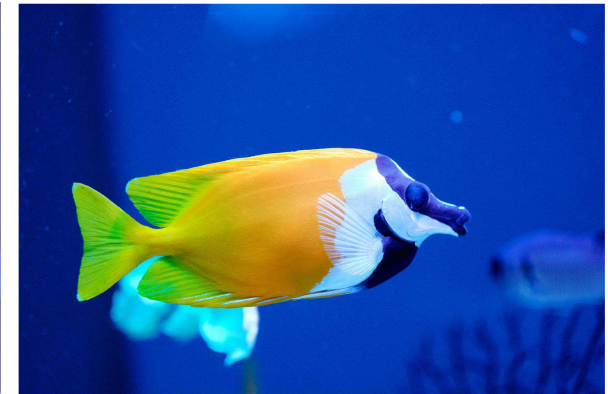
Moreover, the color gamut coverage of TS series products is so high that you are no longer limited by color limitations when viewing pictures or videos, but can see richer and richer color expressions, making your visual experience more enjoyable. Go up one floor. In short, TS series products not only have super color restoration capabilities, but also have high color gamut coverage, bringing you an immersive visual feast.

Excellent Color Contract Ratio

TS series utilizes a distinctive light emission method to achieve an exceptional contrast ratio exceeding 150,000:1. The resulting light is gentle and realistic, with colors adjusted to match those of actual objects. This high contrast ratio boosts visual sharpness, making colors appear more vivid and enhancing the overall viewing experience.



traditional LED



TV studio LED display

Low heat and low noise



All die-casting aluminum material is more durable and highly stable than traditional steel. Meanwhile, heat dissipation of die-casting aluminum is much better than others in the market. As the electronic components can be cooled down quickly, their lifespan will be longer.

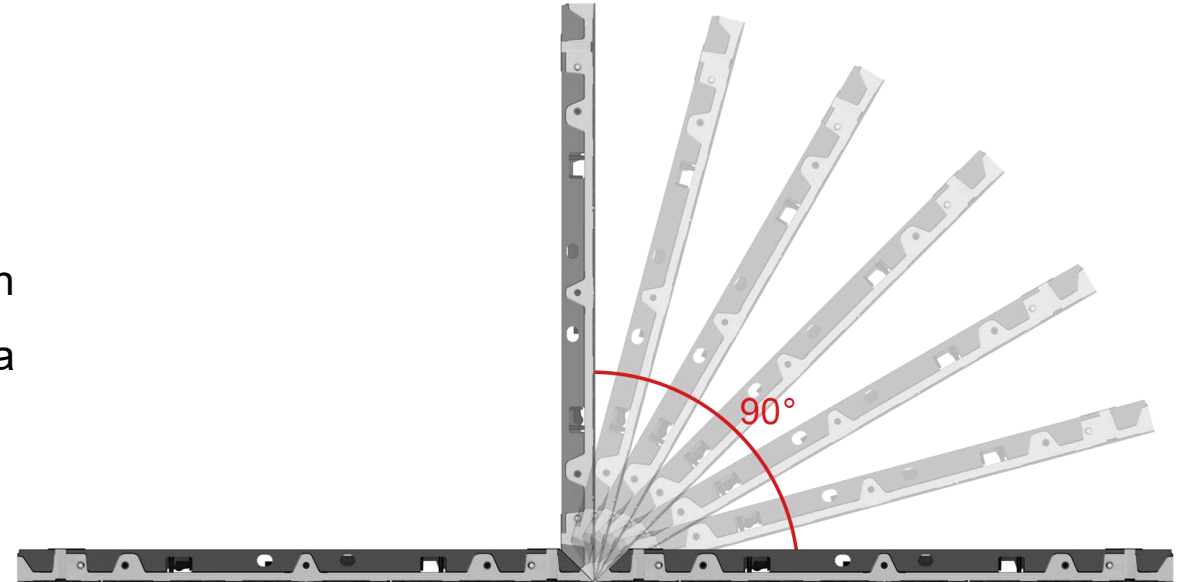


By utilizing its proprietary super power processing technology, the display can operate for 3 hours with the screen temperature increasing by no more than 3°C.

With a fanless design and operating noise below 2 decibels, it relies on its aluminum structure to dissipate heat from the screen, providing customers with a peaceful environment.

Customizable from multiple angles

0°-90° can be customized, and the display screen can perfectly fit any architectural curvature, creating a seamless, integrated, wrap-around visual experience.



Cleaning method

To clean the surface of the module, please use a soft-bristled brush and brush gently. It is prohibited to use any liquid substance to clean the module surface, otherwise it may damage the TS series products.



Applications

To fit every different scene, our products utilize superior materials with a concise and strong structure, and various installation methods make it flexible and easy to apply.

This product is usually used in:

- **TV Studio**
- **Commercial film and television**
- **Conference room**
- **Exhibition hall**
- **Classroom**



TS Series Parameters	
Item	P1.875
Pixel Pitch	1.875mm
LED Type	TS
Module Resolution	160dots×90dots
Driving Mode	1/54scan
Module Pixels	14,400dots
Module Size	300mm×168.75mm
Cabinet Size	600mm×337.5mm
Cabinet Resolution	320dots×180dots
Pixel Density	284,444dots/m²
Minimum Viewing Distance	≥1.875 m
Brightness	500nits
IP Grade	IP50
Refresh Rate	7680Hz
Gray Scale	16bits
Viewing Angle	H:170° / V:170°
Maximum Power Consumption	680W/m²
Average Power Consumption	100W/m²
Input Voltage	AC110V-220V@ 50Hz/60Hz
Operating Temperature	- 20℃～60℃
Operating Humidity	10%~90%
Cabinet Material	Die-casting Aluminum
Cabinet Weight	4.3kg/panel or 5.6kg/panel
Operating System	Windows (Win7, Win8, etc.)
Signal Source Compatibility	DVI,HDMI1.3,DP1.2,SDI,HDMI2.0,etc.