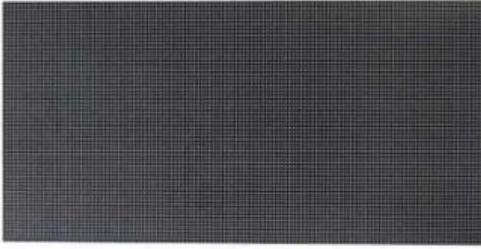




LED DISPLAY
TWM-P2.5



- The P2.5 LED display is engineered to deliver outstanding visual performance for high-end indoor applications. With a fine pixel pitch and high pixel density, it produces sharp, detailed images and vibrant colors, ensuring an immersive viewing experience even at close distances.
- Designed with advanced LED technology (SMD1515) and high refresh rate (≥ 3840 Hz), the display guarantees smooth visuals, flicker-free performance, and superior color depth. Its wide viewing angle (up to 170°) and excellent brightness uniformity provide consistent image quality from any position.
- This system is built for reliability and efficiency, featuring low power consumption, long lifespan (up to 100,000 hours), and compliance with international quality standards. It is an ideal solution for conference rooms, control centers, retail environments, and professional digital signage.

Parameter	Specification
Module Size(W*H*D, mm)	320*160*14
Pixel Pitch	2.5 mm
Pixel Density	160,000 dots/m ²
Pixel Configuration	1R1G1B
Led Type	SMD1515
Module Resolution	128 × 64 dots
LED module density (per m ²)	19.53 panels/m ²
Optimal Viewing Distance	≥ 2.5 m
Brightness	≥ 400 cd/m ²
Viewing Angle	Horizontal ≥ 170°, Vertical ≥ 170°
Scan Mode	1/64 Scan
Interface	HUB75
Input Voltage	5V
Max Power Consumption	22W/panel
Min Power Consumption	11W/panel
Signal Processing	65,536 levels
Video Frame Rate	60 fps
Refresh Rate	≥ 3840 Hz
Brightness Uniformity	≥ 98.5%
Color Capability	281 trillion colors
MTBF	≥ 10,000 hours
Lifespan	≥ 100,000 hours



TWT APPLIED TECHNOLOGY AND SERVICES PTE LTD

TWT reserves the right to change products' dimensions and specifications without notice.

TWT APPLIED TECHNOLOGY AND SERVICES PTE LTD reserves the ultimate right to the interpretation of this catalogue.

ADDRESS: 71 BUKIT BATOK CRESCENT
#09-04 PRESTIGE CENTRE SINGAPORE
658071

EMAIL: info@twt-technology.sg