



► Specification:

Module Specifications	
Item	Specification
LED Type	SMD1921
Scan Mode	1/8 Scan
Pixel Pitch	5 mm
Pixel Configuration	1R1G1B
Pixel Density	40,000 pixels/m ²
Module Resolution	64 (W) × 32 (H)
Module Size	320 mm × 160 mm
Cabinet Size	Customizable
Main Performance Parameters	
Item	Specification
Viewing Distance	≥ 5 meters
Horizontal Viewing Angle	≥ 140°
Vertical Viewing Angle	≥ 130°
Color Temperature	1000K – 10,000K adjustable
Surface Flatness	≤ 0.2 mm
Brightness & Chromaticity Calibration	Supported
Brightness Uniformity	≥ 97%
White Balance Brightness	≥ 4500 cd/m ²
Driver Circuit	Anti-ghosting, high grayscale & refresh
Contrast Ratio	≥ 5000:1
Refresh Rate	≥ 3840 Hz
Frame Frequency	≥ 60 Hz
Grayscale Level	65,536 levels
Drive Mode	Constant Current
Control Mode	Synchronous
Control Distance	Ethernet: 100 m; Fiber: 10 km

Signal Interface	RJ45
Brightness Adjustment Range	0–100% Stepless Adjustment
Continuous Working Time	≥ 72 hours
Typical Lifespan	100,000 hours
Protection Level	IP65
Cabinet Type	Simple Cabinet
Electrical Parameters	
Item	Specification
Working Voltage	DC 4.2–5V
Power Supply Requirement	AC 220V ±10%, 50Hz ±5%
Max Power Consumption	≤ 800 W/m ²
Average Power Consumption	≤ 300 W/m ²
Environmental Parameters	
Item	Specification
Storage Temperature Range	-20°C to +60°C
Operating Temperature Range	-20°C to +45°C
Operating Humidity Range	10% – 80% RH (non-condensing)