Outdoor display screen
(common cathode energy saving)
FT2-0P391-RA

Specification:

1. Module & Cabinet Specifications

Item	Specification
LED Type	SMD1921
Scan Mode	16S
Pixel Pitch	3.91 mm
Pixel Configuration	1R1G1B
Pixel Density	65,536 dots/m²
Module Resolution	128 (W) × 64 (H)
Module Size	500 mm × 250 mm
Cabinet Size	500 mm × 1000 mm
Cabinet Resolution	128 (W) × 256 (H)

2. Display Performance Parameters

Item	Specification
Viewing Distance	≥ 8 meters
Horizontal/Vertical Viewing Angle	≥160° / ≥160°
Color Temperature	1000K – 10000K (Adjustable)
Screen Flatness	≤ 0.1 mm
Brightness & Chromaticity Calibration	Supported
Brightness Uniformity	≥ 97%

White Balance Brightness	≥ 4500 cd/m²
Driver Circuit	Ghost-canceling & High-gray, High-refresh
Contrast Ratio	≥ 5000:1
Refresh Rate	≥ 3840 Hz
Frame Rate	≥ 60 Hz
Grayscale	65,536 levels
Driving Method	Constant Current
Control Mode	Synchronous
Control Distance	Ethernet: 100 m, Fiber Optic: 10 km
Signal Interface	RJ45
Brightness Adjustment	0 – 100% stepless
Continuous Working Time	≥ 72 hours
Typical Lifespan	100,000 hours
Cabinet Installation Type	Waterproof standard aluminum cabinet
Installation & Maintenance	Fixed installation, front maintenance

3. Electrical Parameters

Item	Specification
Working Voltage	DC: 4.2V – 5V
Power Supply Requirement	AC: 220V ±10%, 50Hz ±5%
Max Power Consumption	≤ 500 W/m²
Average Power Consumption	≤ 150 W/m²

4. Environmental Parameters

Item	Specification
Storage Temperature	-20°C to +60°C
Operating Temperature	-20°C to +55°C
Operating Humidity	10% – 80% RH (Non-condensing)
Protection Level	IP65