

XJ-P1.86-320×160 Light steel series product specification table

Item	Parameter
Basic parameters	
Pixel pitch	1.86mm
Pixel structure	1R1G1B
Pixels Density	288906 pixels/m ²
Module resolution (W×H)	172×86
Module size (W×H)	320x160mm
Optical parameters	
Single-point luminance and chrominance correction	support
White Balance Brightness (nits/m ²)	≥600cd/m ²
Color temperature (k)	2000 K-12500 K adjustable
Visual Angle	V120° H140°
Visible distance	≥3m
Brightness uniformity	≥97%
Contrast	≥5000:1
Processing performance	
Signal processing bits	16 bits *3
Grayscale (bit)	12-14
Control distance	Network cable: 100 meters, Optical fiber: 10 kilometers
Frame change frequency	≥60HZ
Refresh Rate (Hz)	≥3840HZ
Control mode	Synchronize
Brightness adjustment range	0-100 stepless regulation
Use parameters	
Continuous working hours	≥72 hours
Typical life	>50,000 hours
Level of protection	IP20
Operating temperature range	-20 ℃ to 50 ℃
Operating humidity range	10 %- 80% RH no condensation
Storage temperature range	-20 ℃ to 60 ℃
Electrical parameters	
Working voltage	DC:4.2-5V
Power supply requirements	AC: 220× (1±10%) V、50× (1±5%) Hz
Maximum power consumption (W/m ²)	680 W/m ²
Average power consumption (W/m ²)	270 W/m ²