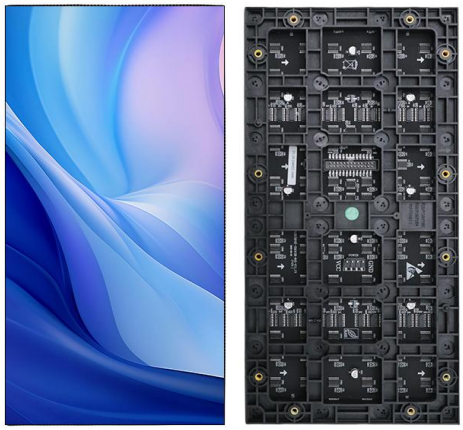
FionTu

Indoor full color LED display
GP500-MA



Specification:

Lamp beads	SMD/2020
Scanning method	16S
Pixel pitch	5mm
Pixel structure	1R1G1B
Pixel density	40000/m2
Module resolution	64 (W) * 32 (H)
Module size	320mm * 160mm
Module display	Front-side GOB Process Treatment
Main parameters	
Visible viewing distance	≥5m
Horizontal viewing angle	≥160 °Vertical viewing angle: ≥160°
Color temperature	1000K-10000K adjustable
Whole screen flatness	≤0.2mm
Yes	Single point brightness and color correction
Brightness uniformity	≥99%
White balance brightness	≥550cd/㎡
Design	De-blanking drive protection circuit and high grayscale high refresh design
Contrast	≥10000:1
Refresh rate	≥3840Hz
Frame change frequency	≥60 HZ
Grayscale level	65536
Driving mode	constant current
Control mode	synchronous
Control distance	network cable: 100 meters, optical fiber: 10 kilometers
Signal interface	RJ45 interface
Brightness adjustment range	0 to 100 stepless adjustment
Continuous working time	≥72 hours
Typical lifespan	100,000 hours
Protection level	IP5X
Installation box specifications	Magnetic installation

Electrical parameters	
Working voltage	DC: 4.2-5V
Power supply requirements	AC: 220×(1±10%)V, 50×(1±5%)Hz
Maximum power consumption	≤480W/㎡
Average power consumption	≤160W/㎡
Environmental parameters	
Storage temperature range	-20℃ to 60℃
Working temperature range	-20℃ to 50℃
Working humidity range	10%-80%RH without condensation