

A Series- ATO

Outdoor Transparent LED Screen



Product Features:

1. The lamp beads are fully sealed with an IP66 rating (dustproof and waterproof) and feature additional impact resistance.
2. Space-saving, ultra-lightweight design – requires no structural modifications and mounts directly onto glass curtain walls.

Product Advantages:

1. It is energy-saving and environmentally friendly, eliminating the need for traditional ventilation or air conditioning systems for heat dissipation.
2. With its lightweight and simple structure, it is easy to install and maintain, reducing maintenance costs.
3. It can be stacked or suspended, lightweight, thin, transparent, and easy to maintain, making installation effortless and meeting high-end requirements.

Applications:

Widely used in all outdoor scenarios.

Main Technical Specifications:

Classification	Name	Demand	
Technical parameter	Pixel Pitch (mm)	ATO-P3.9-7.8	ATO-P7.8-7.8
	LED Packaging Type	SMD1921	SMD1921
	Pixel Composition	1R1G1B	1R1G1B
	Module Size (mm)	500*125	500*125
	Module composition	8	8
	Module flatness (mm)	1	1
	Module Resolution (Pixel)	128*16	64*16
	Display Resolution(㎡)	256*128	128*128
	Pixel Density (pixels/㎡)	32768	16384
	Cabinet Resolution (pixel)	256*64	128*64
	Scanning Mode (S)	8s	8s
	Refresh Rate (Hz)	3840	3840
	Frame Rate (Hz)	60hz	60hz
	Gray Level	65536	65536
	Permeability	55%	55%
	Cabinet Material	Die-cast aluminum	Die-cast aluminum
	Cabinet Size (mm)	1000*500	1000*500
	Cabinet Thickness (mm)	86	86
	Cabinet Weight (KG/PCS)	7.5	7.5
	IP Rate	IP66	IP66
	Maintenance Mode	Rear maintenance	Rear maintenance
Optical characteristic	Brightness (nits)	4000-4500	4000-4500
	View Angle	Horizontal ≥ 120°, vertical≥ 120°	Horizontal ≥ 120°, vertical≥ 120°
	Contrast Ratio	2000: 1	2000: 1

Main Technical Specifications:

Electrical parameter	Power parameters	>90% efficiency PFC wide voltage 100~240VAC DC5V 80A	>90% efficiency PFC wide voltage 100~240VAC DC5V 80A
	Elimination circuit	equipped	equipped
	Module Voltage (V)	DC4.6-5V	DC4.6-5V
	Maximum Power Consumption (W/㎡)	800	600
	Average Power Consumption (W/㎡)	260	260
Usage parameter	Typical LED Lifetime (H)	100000 (light up to completely off)	100000 (light up to completely off)
	display interface	DVI/HDMI/DP/network cable/USB/WIFI/Internet cloud control	DVI/HDMI/DP/network cable/USB/WIFI/Internet cloud control
	Operating Environment (°C/%RH)	-20 ~ +50 , 10%-90% , non-condensing	-20 ~ +50 , 10%-90% , non-condensing

Product Size:

