Main Parameter Specification

ITEM	P3.91-7.81-8S-TR-B	P3.91-7.81-16S-TR-B	P3.91-7.81-8S-TR-A	P3.91-7.81-16S-TR-A
Pixel pitch	3.91mm-7.81mm		3.91mm-7.81mm	
LED encapsulation	SMD1921	SMD1921/SMD2121	SMD1921	SMD1921/SMD2121
Cabinet size (mm)	1000*1000*75 (Size can be customized according to the project)		1000*500*65	
Cabinet resolution (W × H)	256*128		256*64	
Pixel density (dots/m²)	32768		32768	
Cabinet material	Aluminum profile		Die-casting aluminum	
Weight (kg/m²)	8kg/m²		11kg/m²	
Permeability	≥65%			
Refresh rate (Hz)	≥ 1920			
Brightness (cd/m²),adjustable	4500cd	2000cd/600cd	4500cd	2000cd/600cd
Peak power consumption (W/m²)	720	220	720	370
Average power consumption (W/m²)	240	80	240	100
Gray scale (Bit)	16			
Horizontal viewing angle (°)	140°			
Vertical viewing angle (°)	140°			
Maximum contrast	≥3000:1			
Color temperature (K)	3000-9300K adjustable			
Operating voltage (V)	AC:110V~240V、50~60Hz			
Operating temperature range (°C)	-20°C~+65°C			
Maintenance method	Front/rear maintenance			
Lifespan (Hr)	≥100000			

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Transparent Led Display

TR-A/TR-B Series

- Transparency rate over 70%
- Super energy-saving, only 1/3 normal display
- aluminum profile or die-casting aluminum cabinet
- 1000x1000mm and 1000x500mm size available
- Ultrathin and light, stable and easy to install
- Good abrasion resistance and draftability



TR-A Series

TR-B Series

Website: www.atop-led.com

Shenzhen ATOP Led Opto Electronic Co., Limited

TR-A/TR-B Series

Ultra-light and thin

TR-A series transparent screen adopts die-casting aluminum structure, the size is 1000x500mm, the weight is only 11kg/sqm.
TR-B series transparent screen adopts aluminum profile structure, the size is 1000x500mm or 1000x1000mm, the weight is only 8kg/sqm.
The ultra-light cabinet fully meet the glass curtain wall load demand. Can be directly attached to the original glass curtain wall keel structure installation, no need to install additional steel structure, saving space and installation cost.



Energy saving

Super power saving, power consumption is only 1/3 of ordinary display screens.



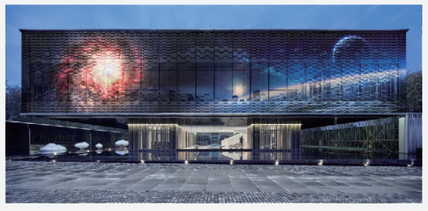




Easy maintenance

The rear cover can be quickly disassembled for maintenance.





High Transparency

Simplified structural design, with a permeability of more than 70%. which ensures the original lighting and perspective function of the glass wall

Front protection option

Support no mask, black mask, acrylic panel. Three configuration options for panels.
Acrylic panel strength is high, the disadvantages is oblique side view reflective; black mask permeability is good, oblique side is not reflective. Acrylic panel is more collision resistant.
If the installation environment is high altitude or no one touches it, the design without mask can be adopted to save costs.



No mask

Suitable for use in untouched environments



Black mask

There is no reflection from the side, and the lamp surface is effectively protected



Acrylic panel

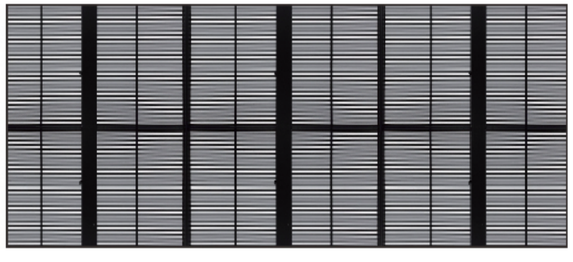
High front protection level
Disadvantages: side view refective

Quick installation

The die-casting cabinet adopts a quick lock, and the profile aluminum cabinet adopts a wireless rear design, which has a stable and quick installation.



Die-cast aluminum quick lock



Wireless installation on the rear of aluminum profle

3D effect

Play special materials, presenting stereoscopic 3D effects.



Wide application

The transparent LED screen can be applied to most of the building glass curtain walls, and the design is compatible to match any scene, which don't take up space. Applicable to chain stores, jewelry stores, 4S car stores, commercial squares and other applications.

