

A Series-ATI- F

Indoor Front-emitting LED Transparent Display



Product Features:

1. Designed for indoor viewing environments, with the capability to adapt to outdoor viewing scenarios when power consumption is increased.
2. It features forward-emitting surface-mounted LED for a high-definition resolution with a small pixel pitch.
3. The cabinet size remains relatively fixed, and it is equipped with an integrated power supply design for easy installation.
4. The power and signal transmission inside the unit (cabinet) adopts a transmission method from the middle to both sides.
5. With a transparency rate of at least 55%, it allows for clear visibility while maintaining its authenticity.

Applications:

Widely used for Indoor installation, inside commercial display windows or inside lower-level glass curtain walls.

Main Technical Specifications:												
Classification	Name	Demand										
Technical parameter	Pixel Pitch（mm）	ATI-F-P2.6-5.2		ATI-F-P2.8-5.6		ATI-F-P3.125		ATI-F-P3.91-7.82		ATI-F-P7.82-7.82		
	Pixel Density(PX/㎡)	73728		61952		102400		32768		16384		
	LED Packaging Type	SMD 2020	SMD 1921	SMD 2020	SMD 1921	SMD 1515	SMD 1415	SMD 2020	SMD 1921	SMD 2020	SMD 1921	
	Pixel Composition	1R1G1B		1R1G1B		1R1G1B		1R1G1B		1R1G1B		
	Module Size（mm）	500*125		500*125		500*62.5		500*125		500*125		
	Module flatness（mm）	≤1mm		≤1mm		≤1mm		≤1mm		≤1mm		
	Module Resolution（Pixel）	192*24		176*22		160*20		128*16		64*16		
	Module Pixel	4608		3872		3200		2048		1024		
	Module Qty（pcs）	16		16		32		16		16		
	PCB	6-layer with the thickness of 1.6mm		6-layer with the thickness of 1.6mm		10-layer with the thickness of 2.0mm		4-layer with the thickness of 1.6mm		4-layer with the thickness of 1.6mm		
	Scanning Mode（S）	12		11		9		8		4		
	Transparency rate	≥65%		≥70%		≥55%		≥75%		≥75%		
	Refresh Rate（Hz）	3840		3840		3840		3840		3840		
	Frame Rate（Hz）	60		60		60		60		60		
	Gray Level	16		16		16		16		16		
	Cabinet Material	Aluminum profiles		Aluminum profiles		Aluminum profiles		Aluminum profiles		Aluminum profiles		
	Cabinet Weight（KG/PCS）	10		10		10		10		10		
	Cabinet Size（mm）	1000*1000*75（L*W*H）		1000*1000*75（L*W*H）		1000*1000*75（L*W*H）		1000*1000*75（L*W*H）		1000*1000*75（L*W*H）		
	Cabinet Thickness（mm）	80		80		80		80		80		
	Cabinet Resolution	384*192		352*176		320*320		256*128		128*128		
	IP Rate	IP30		IP30		IP30		IP30		IP30		
	Maintenance Mode	Front or rear maintenance		Front or rear maintenance		Front or rear maintenance		Front or rear maintenance		Front or rear maintenance		

Main Technical Specifications:

Optical characteristic	Brightness (nits)	600-800 2500-5000	600-800 2500-5000	600-800 2500-5000	600-800 2500-5000	600-800 2500-5000
	View Angle	Horizontal ≥ 140° , vertical ≥ 140°	Horizontal ≥ 140° , vertical ≥ 140°	Horizontal ≥ 140° , vertical ≥ 140°	Horizontal ≥ 140° , vertical ≥ 140°	Horizontal ≥ 140° , vertical ≥ 140°
	Viewing Distance (m)	≥ 8	≥ 8	≥ 8	≥ 8	≥ 8
	Contrast Ratio	8000:1	8000:1	8000:1	8000:1	6000:1
Electrical parameter	Input Voltage (V)	DC5-3.5/AC85-240	DC5-3.5/AC85-240	DC5-3.5/AC85-240	DC5-3.5/AC85-240	DC5-3.5/AC85-240
	Maximum Power Consumption (W/㎡)	800	800	800	800	800
	Average Power Consumption (W/㎡)	200	200	200	200	200
Usage parameter	Average uninterrupted time(H)	>10000	>10000	>10000	>10000	>10000
	Typical LED Lifetime (H)	≥ 100000	≥ 100000	≥ 100000	≥ 100000	≥ 100000
	Working Temperature (°C)	-40~+40	-40~+40	-40~+40	-40~+40	-40~+40
	Installation	Lifting mount or fixed mount	Lifting mount or fixed mount	Lifting mount or fixed mount	Lifting mount or fixed mount	Lifting mount or fixed mount
	Working humidity	15%-90%RH	15%-90%RH	15%-90%RH	15%-90%RH	15%-90%RH
	Connection	Wireless Connection	Wireless Connection	Wireless Connection	Wireless Connection	Wireless Connection
	Certificate	CE,FCC,RoHS	CE,FCC,RoHS	CE,FCC,RoHS	CE,FCC,RoHS	CE,FCC,RoHS

Cabinet Drawing:

