

Athena Series

INDOOR LIGHT FRONT ACCESS



17084 Dallas Parkway
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	Item	Parameters		
Modules	Model:	ATHE39S	ATHE52S	ATHE62S
	Pixel Pitch (mm)	3.9mm	5.2mm	6.25mm
	Physical Density (dot/m ²):	65,536	36,864	25,600
	LED Configuration:	1R 1G 1B	1R 1G 1B	1R 1G 1B
	LED Type:	SMD 2121	SMD 2121	SMD 3528
	Module Size (mm x mm)	250mm x 250mm	250mm x 250mm	250mm x 250mm
	Module Resolution (PX x PX)	64 x 64	48 x 48	40 x 40
	Module Power Consumption (W):	<30	<30	<30
Main technical parameters	Drive Mode:	Constant Current Drive	Constant Current Drive	Constant Current Drive
	Scanning Mode:	1/16	1/12	1/10
	Horizontal Viewing Angle (degrees):	140°	140°	140°
	Vertical Viewing Angle (degrees):	140°	140°	140°
	Brightness (cd/m ²)	1,500	1,500	2,000
	Grey Scale:	15 bit	15 bit	15 bit
	Refresh Rate (Hz):	> 2500 Hz	> 2500 Hz	> 2500 Hz
	Cabinet Resolution (PX x PX)	192 x 192	144 x 144	120 x 120
	Cabinet Max Power Consumption (W):	<300w	<300w	<300w
	Cabinet Average Power Consumption (W):	<120w	<120w	<120w
	Cabinet Size (mm x mm):	750mm x 750mm	750mm x 750mm	750mm x 750mm
	Cabinet Weight (kg) (lbs)	16.4kg (36.16lbs)	15.8kg (34.83lbs)	17.4kg (38.36lbs)
	Cabinet Thickness (mm)	71mm	71mm	71mm
	Cabinet Material:	Aluminum		
	Color (M):	> 16.7		
	Input Voltage (V):	110V~240VAC (50/60)		
	Refresh Frame Frequency (Hz):	50 – 60 Hz		
	Protection Level:	IP43		
	Working Environment:	Indoor		
	Working Temperature (°F) (°C):	-22° to 140° F -30° to 60° C		
	Operating Humidity (RH):	10% to 90%		
	Life Span (Hrs):	Over 50,000		
Installation	Fixed Installation			

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Super Light and Thin – Weighing less than 39 lbs. a panel with a depth of 2.75 inches. That is half of the depth of traditional LED screen saving space and transportation costs.



Fast Maintenance – With the front maintenance design the repairs are 10 times more efficient than the traditional method, significantly saving more time.



High Refresh Rate – At a refresh rate of over 2500 Hz your videos and animation will impressively smooth.



Fine Detail and Smooth Picture – Our Driver IC enables the high refresh rate and high gray scale ensuring a stable picture and the smoothest motion.

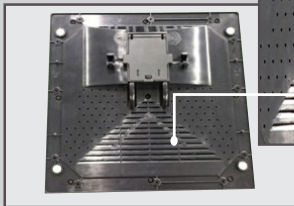


Noisless – Free of fans and air conditioning systems reducing power consumption.



Seamless Connection – With the Seamless connection you will have a high conformity picture without image gaps. Making your display look seamless.

Cabinet Size: 750mm x 750mm



- Louver design on the back of each module is to dissipate the heat quickly



- Soft mask with a new buckle design, eliminating the use of screws for a smooth and flat surface



- Each LED module can be moved with a special magnetic tool allowing for front maintenance



6mm

- Super Light and Thin Frame
- All our Indoor screens have Megmeet power supplies
- Customer has a choice of Epistar, Multi-Color and led bulbs (prices vary)