



Poster Series

P01.5 Pro / P01.8 Pro

Absen's COB folding poster screen utilizes flip-chip technology for enhanced stability and ultra-HD visuals. With pixel pitches of 1.53mm & 1.86mm, it delivers detailed imagery, simplified operation, and looped playback for maximum advertising impact. Its unique folding design adapts to various settings, excelling in promotions, info dissemination, and art displays.

◀ Plug & Play

- Delivered as a fully assembled unit — no need for professional installation or debugging. Simply plug and play.



◀ Seamless Splicing

- Screen splicing, continuous transmission of images.



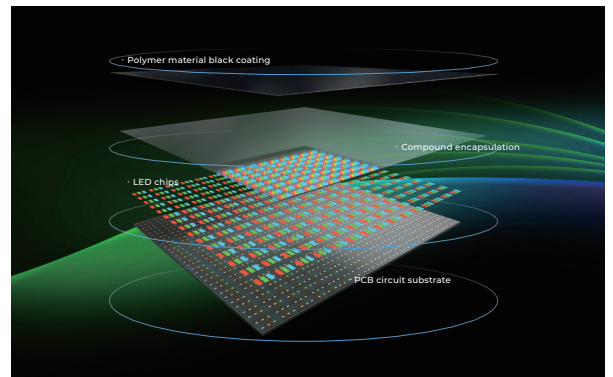
◀ Cross-platform Operation

- Equipped with user-friendly software that supports content upload via mobile devices, making it easy to operate—even for beginners.



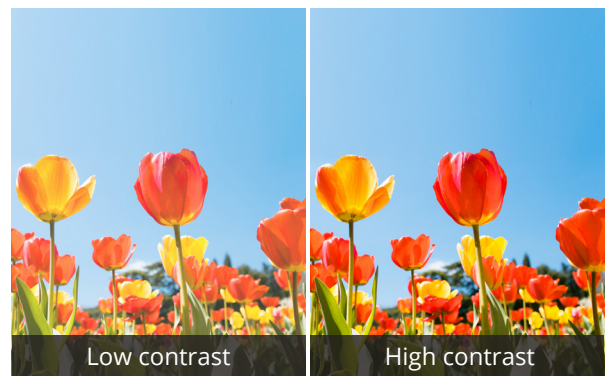
◀ Flip-chip RGB

- The series employs a micron-scale flip-chip configuration with multi-layer surface encapsulation, achieving 10000:1 contrast ratio and comprehensive image quality optimization.
- By suppressing moiré and reducing granularity, displays achieve enhanced performance and exceptional sharpness.



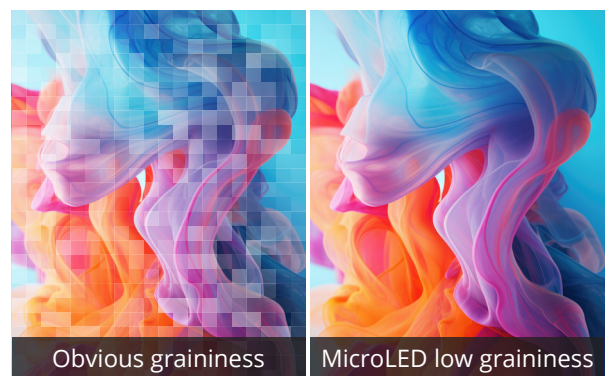
◀ Gorgeous Image Quality

- Micron-level MicroLED chips and PWM constant current output LED driver chips improve the display effect from the inside out.



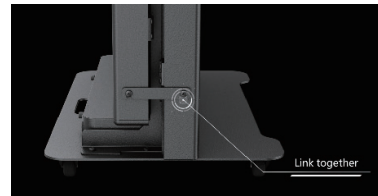
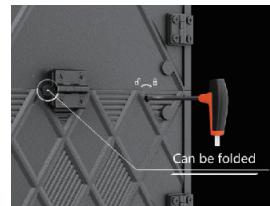
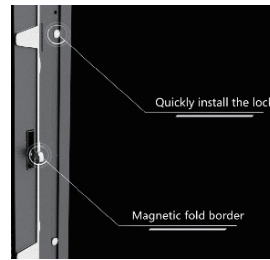
◀ Smoother Viewing Experience

- Panelization Encapsulation, weakening the graininess and reducing moiré.



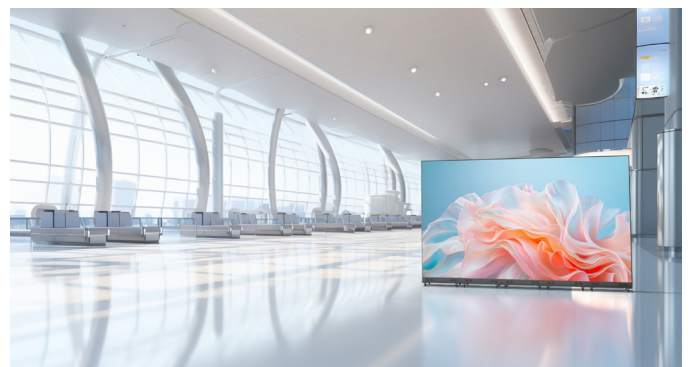
◀ Foldable Design, Fast Splicing

- Foldable design, easy to transport.
- Supports multiple units cascading to be a FullHD display.



◀ Multiple Applications

- Ideal for shopping malls, airports, stations, supermarkets, clubs, restaurants, etc.



Product Diagram



Product Specification

	Model	PO1.5Pro	PO1.8Pro
Physical Parameter	LED Type	Flip-chip RGB	
	Pixel Pitch (mm)	1.53	1.86
	Screen Size (mm)	640*1920 (Customized 640*2400)	
	Screen Resolution (dots)	416*1248	344*1032
	Poster Weight (kg)	51	
	Module Dimensions (WxH)/(mm)	320*160	
Optoelectronic Parameter	Brightness (nit)	600	
	Refresh Rate (Hz)	3840	
	Gray scale (Bit)	13	
	Contrast Ratio	10000: 1	
	Color Temperature (k)	6500	
	Viewing Angle (H/V) (°)	160/160	
	Driving Type	1/52	1/43
	AC Operating Voltage (V)	100-240	
	Power Consumption (Max./Avg.)(W/set)	356/119	381/127
Application Parameter	Controller	Built-in, Supports Synchronous/Asynchronous	
	Interface	HDMI、USB、AUDIO OUT	
	Storage Temperature (℃)	-14~+60	
	Operating Temperature (℃)	-10~+40	
	Storage Humidity (RH)	10%~85%	
	Operating Humidity (RH)	10%~80%	
	IP Rating (Front/Rear)	IP40/IP21	
	Module Maintenance	Front	
	Packaging & Dimensions (Length × Width × Height, mm)	Flight Case 1 pack (contains 1 units): W523*D808*H1315.3 (including casters)	
		Flight Case 1 pack (contains 2 units): W1053*D863*H1315.3 (including casters)	
	Total weight (kg)	91 (1contains 1 units) / 163 (contains 2 units)	
	Installation Method	Mobile Stand	
	Application Environment	Indoor	

Note:

1.It is normal for the power consumption to fluctuate within ±15% due to the influence of the brightness of different batches of lamps. Please refer to the actual situation.

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