

# Carbon Pro

Innovational Design for Large Stage Solution



Ultra light  
Strong structure



Multiple  
shapes

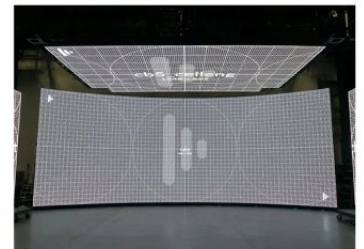


Unique  
lock plate



Performance  
innovation

## ► Various applications



Touring/Festivals/Immersive studio/Virtual production ceiling

# Innovational Mechanical Design

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## Carbon fiber - Ultra light, stronger structure

-Carbon panels offer 30% weight reduction compared to traditional panels, it is easier and faster to install and maintain, guaranteeing efficient servicing. and the reduced weight and easy handling will lower costs on transportation and labor.

## Unique lock plate

- Allows all panels to be installed on the same level plane
- Remove panel from the middle easily



## Multiple shapes

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All about stage - Carbon Pro - S:500×500mm,E:500×1000mm,X:Transparent 500×1000mm,Y:1000×1000mm

L:Transparent 1000×1000mm,A:Curveable 500×500mm,D:Sector 500×500mm,I:Triangle 500×500mm

# Stunning Performance

Nowadays, LED displays are widely used in corporate, TV studio and virtual production scenarios for filmmaking, which requires a significant performance like high brightness and gray-scale.

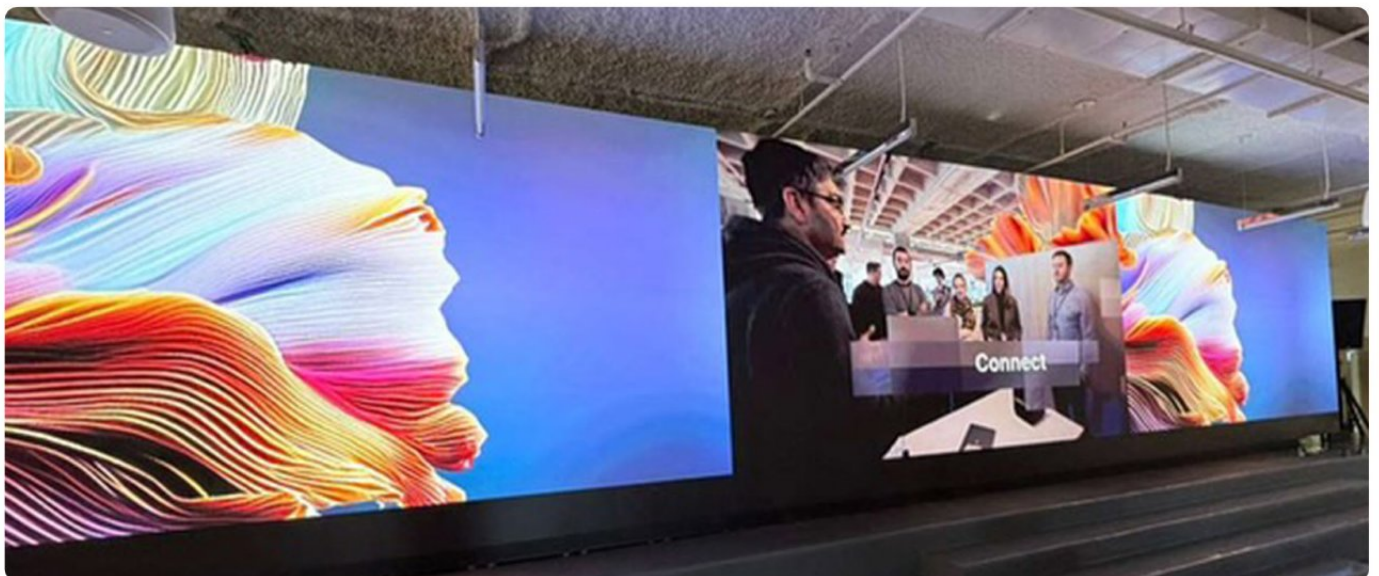
Carbon panel adopts thermal simulation technology, it gives designers “thermal vision superpowers” while a product is still on the drawing board, allowing them to foresee and resolve heating issue.

This leads to the creation of more reliable, safer and higher-performing products.



## Carbon - P1.9mm | 100SQM | Corporate event | Boston 2025

The company created a future-ready working environment and developed a jaw-dropping LED screen. This highest-resolution LED wall, capable of showing every detail was necessary for precise content creation.



# Technical specifications



## ► Technical Specifications

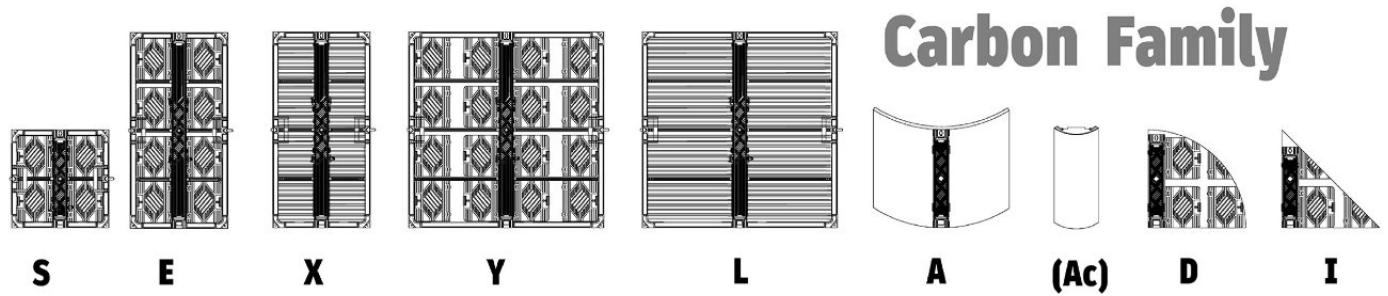
ITEM	PITCH	P1.5mm	P1.9mm	P2.6mm	P2.9mm	P3.9mm
<b>Key Function</b>	Technology	Carbon fiber, Unique lock plate, Thermal simulation technology, Brompton system available				
<b>Mechanical</b>	LED Type	SMD1010	SMD1515	SMD1515	SMD1415	SMD1921
	Pixel Density(dot/m2)	410,913	262,984	147,474	113,367	65,410
	Module Size (W x H) (mm)	250mm x 250mm	500mmx250mm			
	Moduel Resolution (W x H) (pixels)	320 x160	256x128	192x96	168x84	128x64
	Panel Size (W x H) (mm)	500mmx 500mm(19.66"x19.66")				
	Panel Resolution (W x H) (pixels)	320 x160	256x128	192x192	168 x168	128x128
	Panel Material	Carbon fiber + Die-casting aluminum				
	Panel Weight	5.0KG			5.3KG	
	Service	F/R			F/R	
	IP Rating	IP21			IP67 (front/rear)	
<b>Optical</b>	Brightness	800nits +	800nits +	1000nits +	4500nits (white leds)	
	Brightness	/	/	/	3500nits (black leds)	
	Refresh Rate	7680Hz			7680Hz	
	Color Temperature	6500K+500K			9000K+500K	
	Power Consumption(Avg./Max.)	200W/500W			240W/720W	
	Supported Frame Rate	30 60 100 120 144 240Hz(exclusively supported by the custom firmwares of A10s Pro& IC.)				
	Grey Level	16bit				
	Input(V)	160/160				
	Certification	110-220V.50-60Hz				
	Operating Temp/Humidity	-20~50°C/10%~90%				
	Certification	ETL/FCCICE/CCC				

Remarks: The parameters are only for reference. The actual parameters may differ depending on the specific order

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# WE HAVE MORE!



## Accessories



Hanging Bar



Bass Truss



Rear Brige



lock for 2



lock for 4



Data adaptor



Flight case (1 for 10panels)  
- 20GP - 142.5SQM, 40GP-315SQM

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