



INDOOR COB

LED SCREEN SERIES



Advanced COB Technology

Enhances durability, reduces pixel damage, and provides better LED protection compared to traditional SMD.

Ultra-fine Pixel Pitch (0.7mm – 1.8mm)

Delivers sharp and detailed visuals, ideal for high-end indoor applications.

Stable Brightness (500–600 nits)

Ensures clear visibility in indoor environments without glare.

High Contrast Ratio (10,000:1)

Creates deeper blacks and more vibrant, lifelike images.

High Refresh Rate (3840Hz)

Flicker-free display, optimized for filming and live streaming.

High Color Depth (16–18 bit)

Smooth color gradients and accurate color reproduction.

Wide Viewing Angle (160°)

Consistent image quality from multiple viewing positions.

Die-casting Aluminum Cabinet

Strong structure with efficient heat dissipation for long-term performance.

Front Service Design

Easy installation and maintenance, especially for limited spaces.

Energy-efficient Power Consumption

~100W average per sqm, optimizing operational costs.

Long Lifespan up to 100,000 hours

Ensures reliable and stable operation over time.

Optional GOB & HDR Technology

Enhances surface protection and improves visual performance.

Novastar Control System – supports Wifi / 4G

Flexible content management and remote operation.

Model	P0.7	P0.9	P1.2	P1.5	P1.8
Pixel Pitch	0.7mm	0.9mm	1.2mm	1.5mm	1.8mm
Panel Resolution (HxV)	768x432 pixels	640x360 pixels	480x270 pixels	384x216 pixels	320x160 pixels
Panel Material	Die-casting cabinet				
Brightness	500-600 nit				
Contrast	10,000:1				
Color depth	16-18 bit				
Refresh rate	3840Hz				
Panel Dimensions (WxH)	600mm×337.5mm				
Panel Weight	4kg/pc				
Serviceability	Front service				
Hor. viewing angle	160°				
Vert. viewing angle	160°				
Operation power voltage	AC100-240V(50/60Hz) for different options				
Power consumption per sqm	325 W(max.) 100W(avg.)				
Heat Load pc/hour	780 BTU(max) 240BTU(avg.)				
Operational temperature	-10°C to +40°C				
Operational humidity	10-95%				
IP rating	Ip30				
GOB	Optional				
HDR	Optional				
LED lifetime	100,000h				
Warranty	1-2years for different options				
Control system	Novastar				
Control mode	Wifi or 4G for optional				



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TWT reserves the right to change products' dimensions and specifications without notice.

TWT APPLIED TECHNOLOGY AND SERVICES PTE LTD reserves the ultimate right to the interpretation of this catalogue.

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