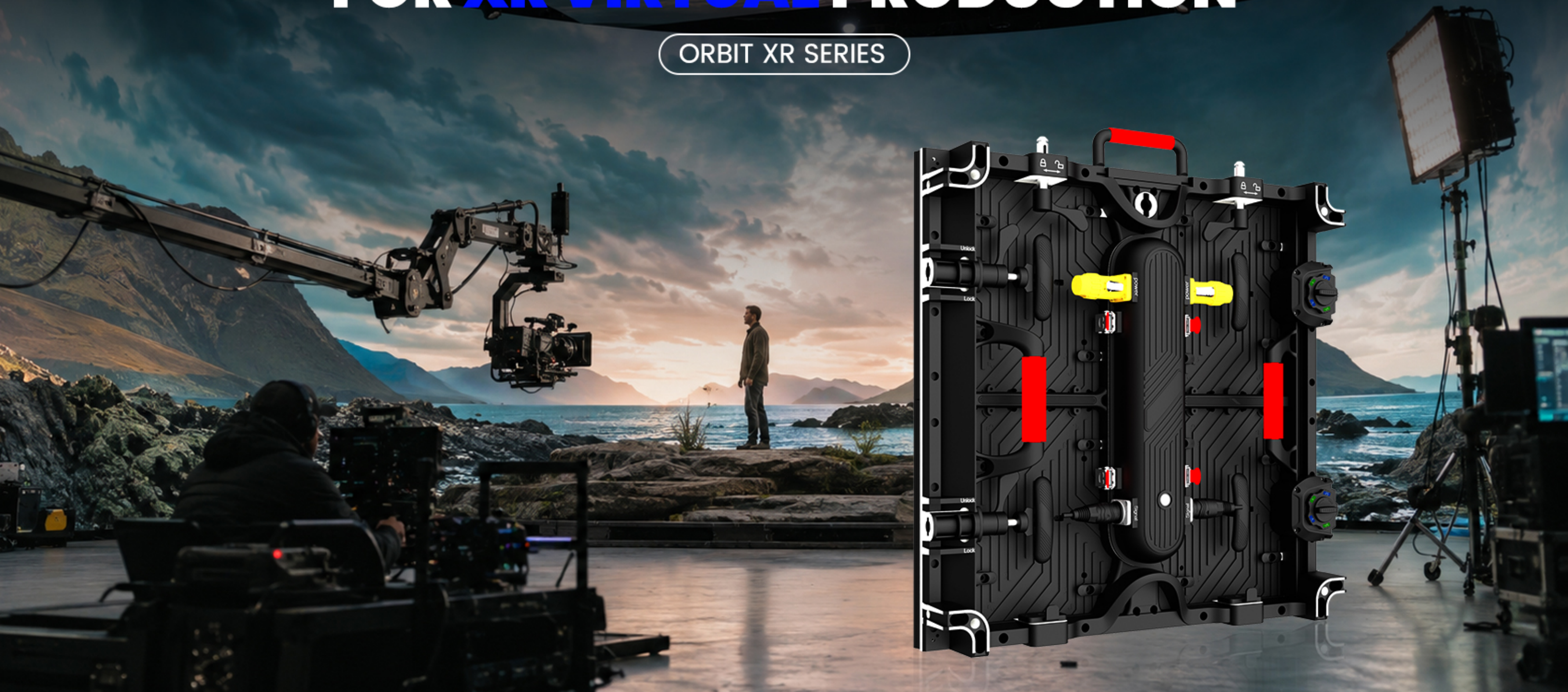


PROFESSIONAL LED DISPLAY FOR **XR VIRTUAL** PRODUCTION

ORBIT XR SERIES



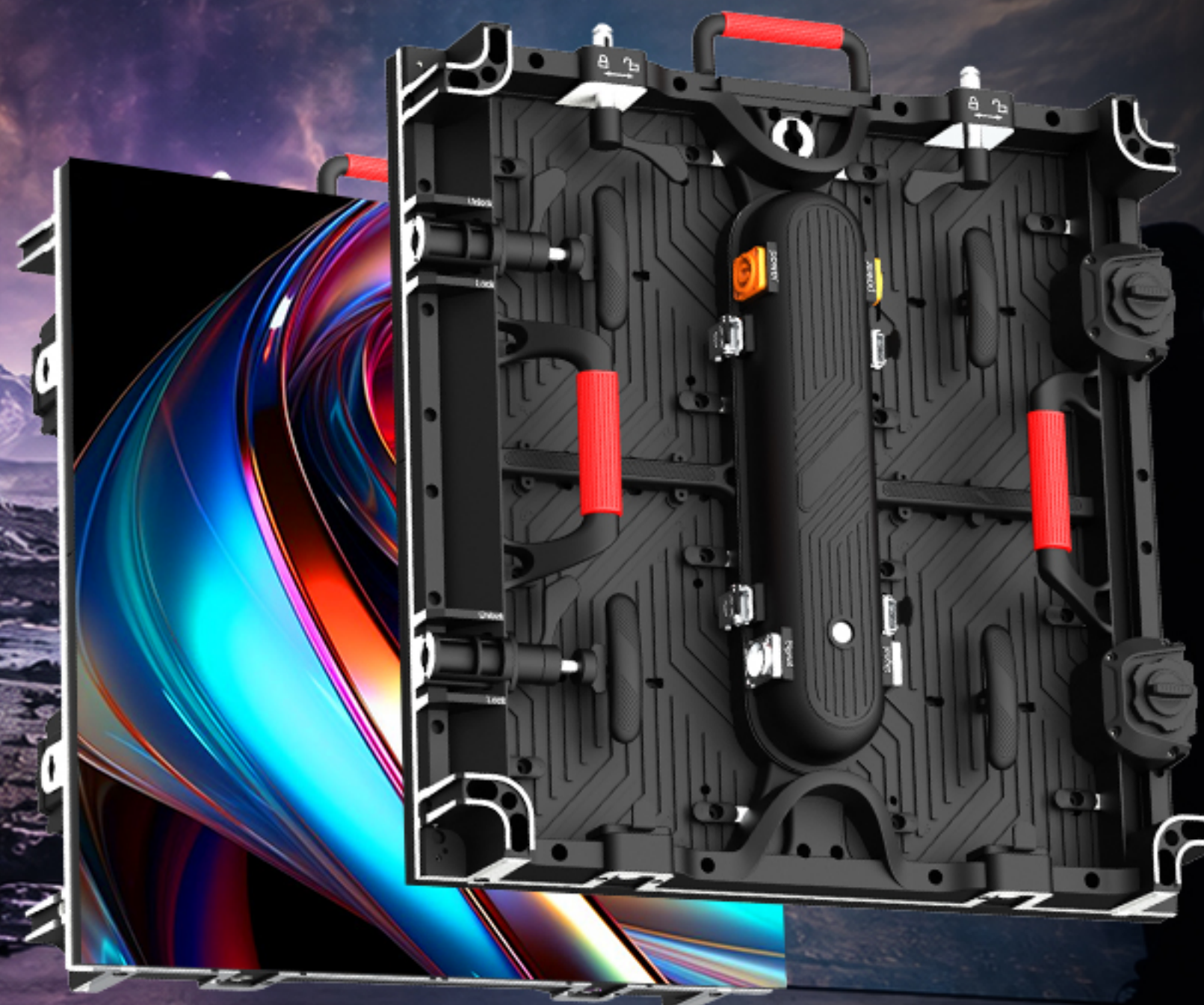
BUILT FOR **XR** **VIRTUAL PRODUCTION**

ORBIT XR Series is designed for XR studios, virtual production, broadcast, live streaming and immersive environments, delivering detailed visuals for close-range viewing and professional camera applications.

P1.95/P2.135/P2.604
Fine Pixel Pitch

1500nits
Brightness

12000k
Color temperature



XR Studio · Virtual Production · Broadcast · Immersive Space

7680Hz ULTRA-HIGH REFRESH RATE

Smooth and stable image performance helps minimize visible flicker and scan lines during professional camera shooting.

7680Hz

Refresh Rate

15000:1

Contrast Ratio

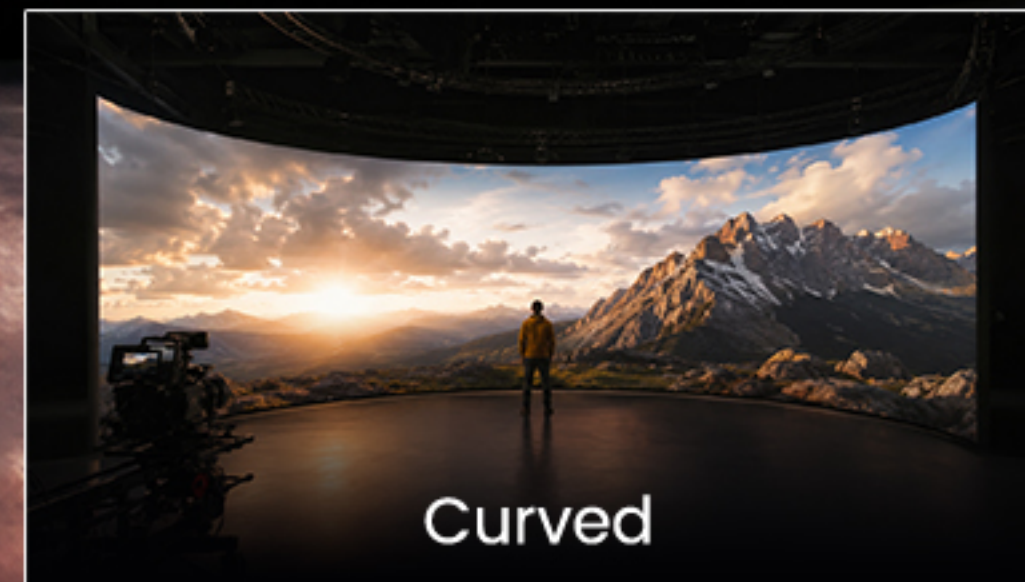
16bit

Grayscale



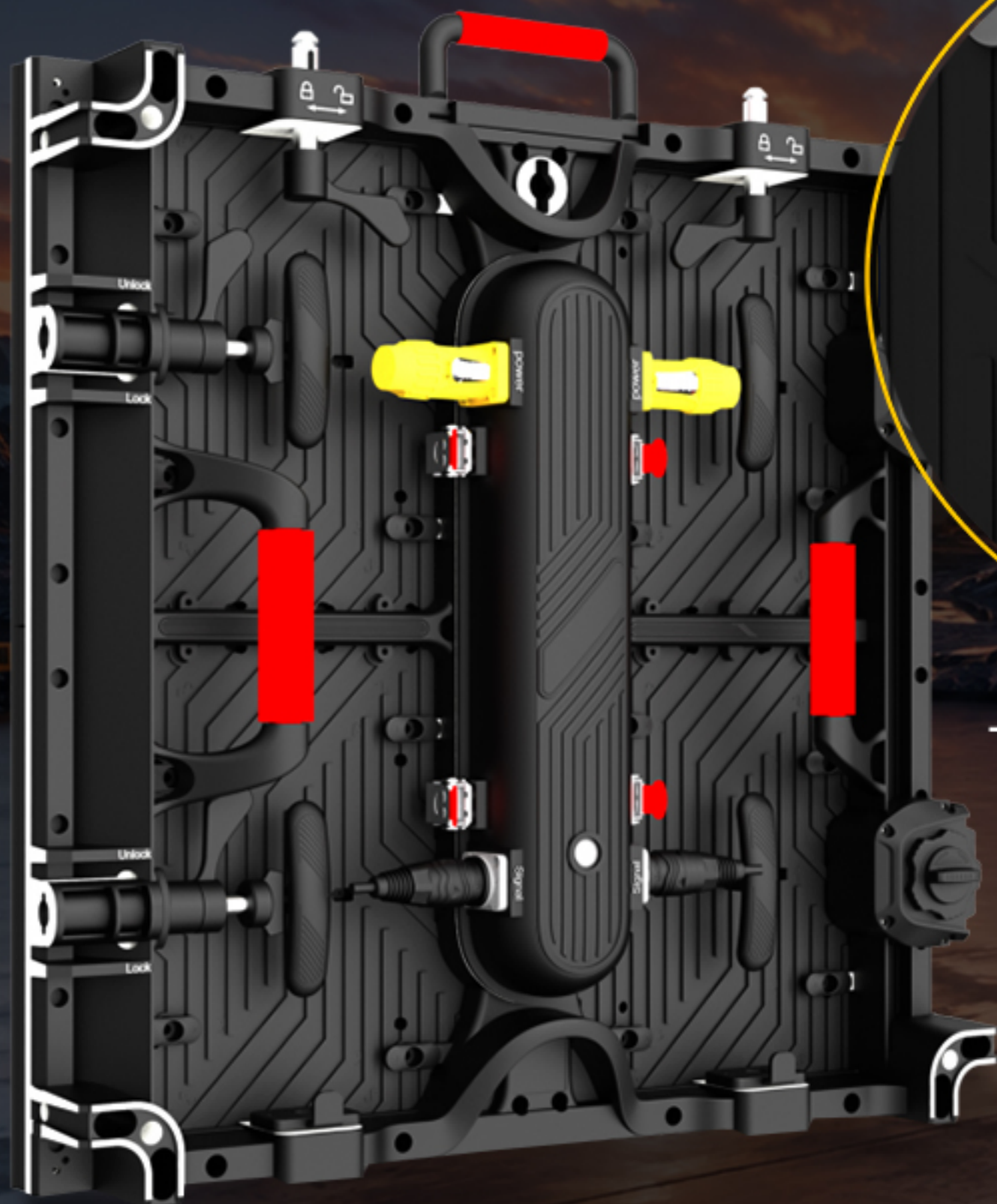
BUILD IMMERSIVE XR ENVIRONMENTS

Flexible configurations provide greater creative freedom for different virtual production environments.



HIGH-PRECISION CURVED LOCK

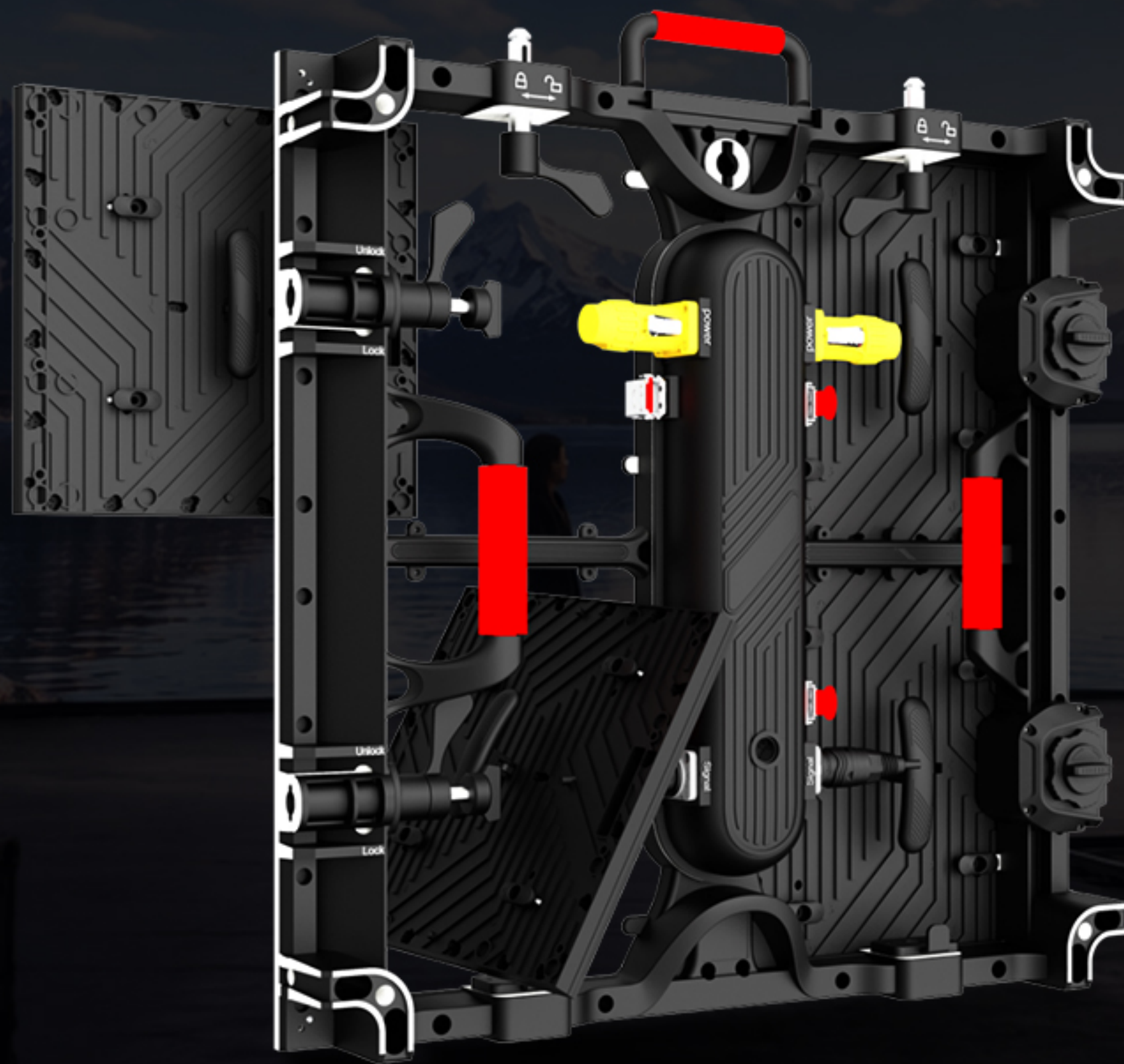
Flexible configurations provide greater creative freedom for different virtual production environments.



-5° / -2.5° / 0° / +2.5° / +5°

FRONT & REAR MAINTENANCE

Supports both front and rear maintenance, providing greater flexibility for hanging, stacking, and space-limited installations.



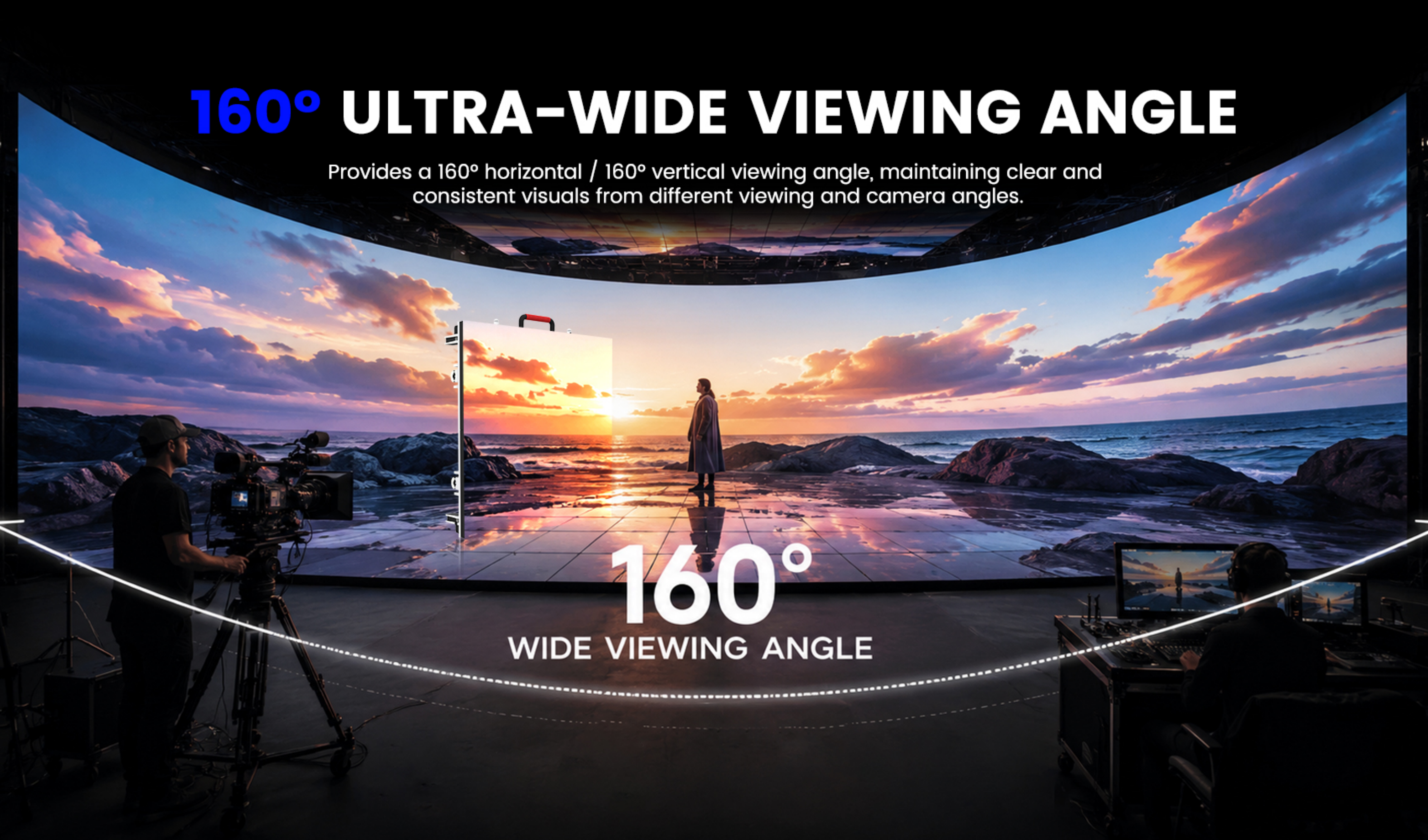
FLEXIBLE CREATIVE SPLICING

Supports circular, curved, and right-angle configurations, as well as hanging and stacking installations, making it suitable for XR stages, immersive spaces, and creative rental projects.



160° ULTRA-WIDE VIEWING ANGLE

Provides a 160° horizontal / 160° vertical viewing angle, maintaining clear and consistent visuals from different viewing and camera angles.

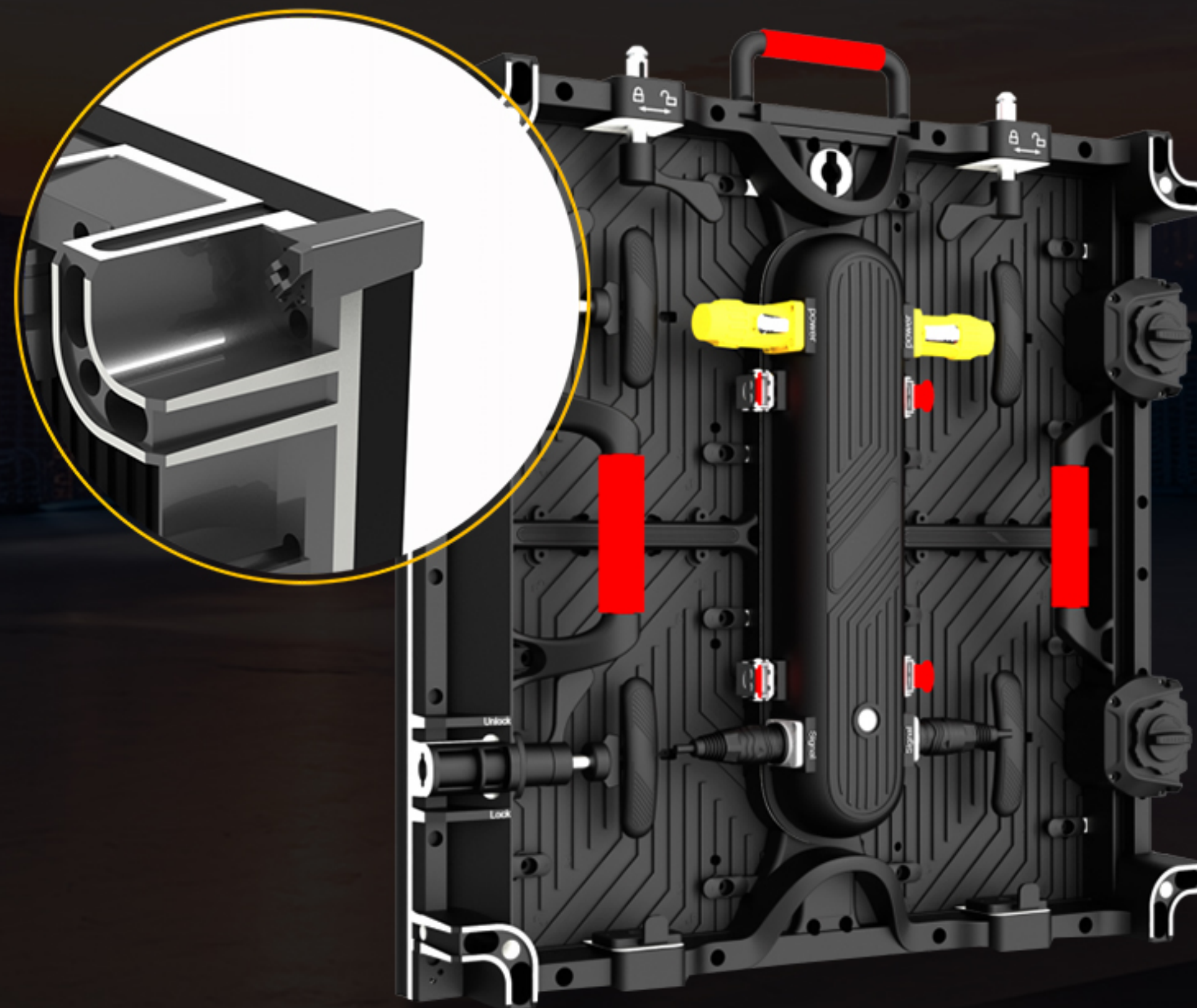


160°

WIDE VIEWING ANGLE

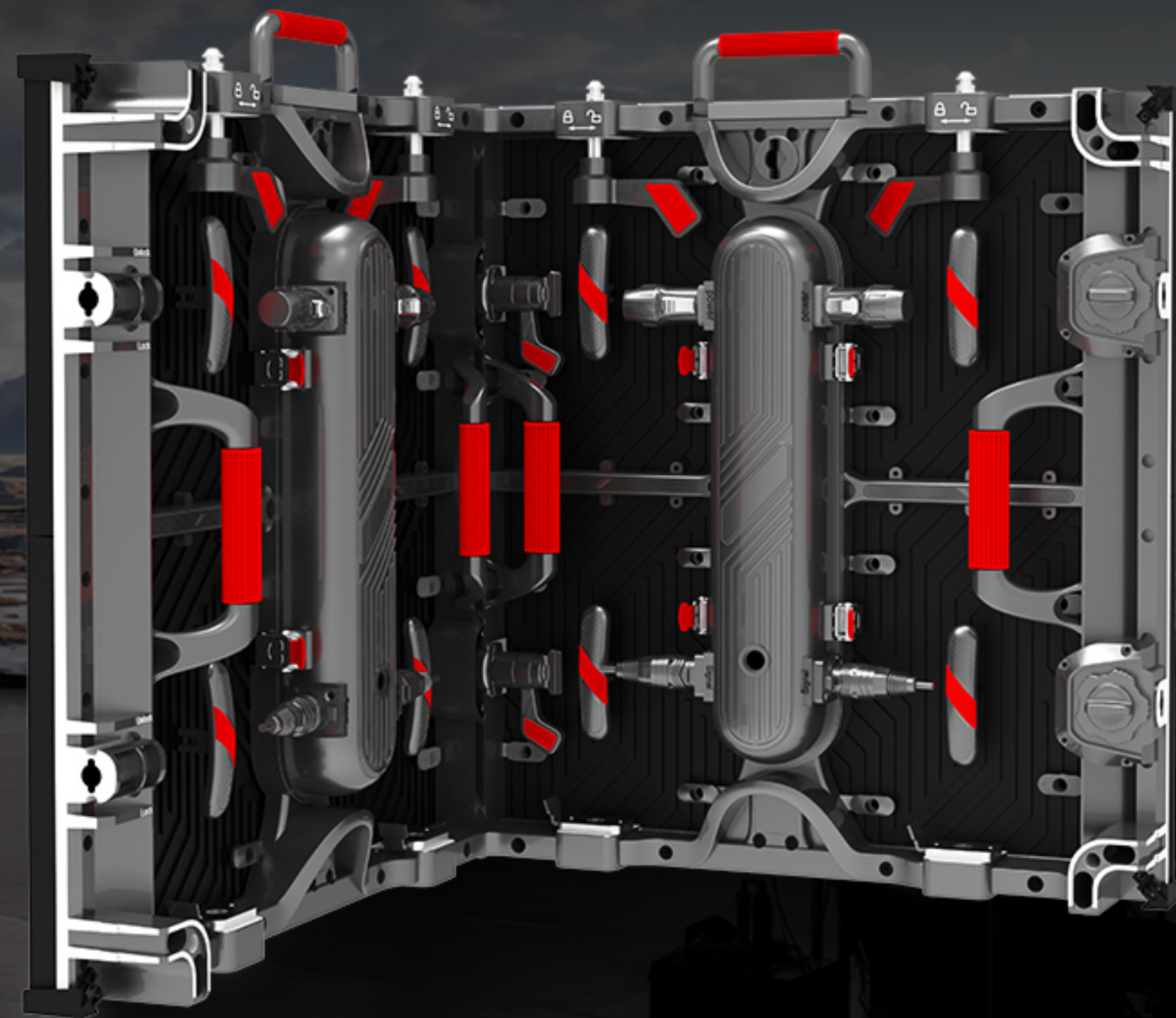
ALL-ROUND PROTECTION DESIGN

Protective corners and bottom anti-collision structures help protect the LED modules and reduce the risk of damage during transportation, installation, and disassembly.



45° RIGHT-ANGLE INSTALLATION

Supports 45° right-angle splicing for seamless corner displays and creative XR configurations, providing greater flexibility for virtual production and immersive environments.



PARAMETERS

Pixel Pitch	P1.95	P2.315	P2.604
LED Type	SMDI515	SMDI515	SMDI515
Physical Density(Dot/㎡)	262144	186624	147456
Module Resolution	128X128	108X108	96X96
Module Size(WXH)	250X250	250X250	250X250
Cabinet Size(mm)	500X500	500X500	500X500
Cabinet Resolution	256X256	216X216	192X192
Module Quantity(WXH)	2X2	2X2	2X2
Weight(kg)	8	8	8
Maintenance	Front/rear Maintenance	Front/rear Maintenance	Front/rear Maintenance
Cabinet Material	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum
Brightness(Nits)	≥1500	≥1500	≥1500
Color Temperature(K)	5000-12000 Optional	5000-12000 Optional	5000-12000 Optional
Viewing Angle(H/V)	160°/160°	160°/160°	160°/160°
Viewing Distance	2-50m	3-50m	3-50m
Contrast Ratio	10000 : 1	10000 : 1	10000 : 1
Frame Frequency	60/120	60/120	60/120
Drive Mode	1/8 scan	1/9 scan	1/8 scan
Grey Scale	16bit	16bit	16bit
Refresh Rate(Hz)	7680	7680	7680
Max Power Com.(W/㎡)	920	920	920
Ave Power Com.(W/㎡)	200-300	200-300	200-300
IP Rate	IP31	IP31	IP31
Power Input	AC90-264V,47-63Hz		
Working T/H (°C/RH)	-20~60℃/10%~85%		
Storage T/H(°C/RH)	-20~60℃/10%~85%		
Standard	CCC/CE/RoHS/FCC/CB/TUV/IEC		

Specifications are for reference only and are subject to the final product.

APPLICATION



5 YEARS WARRANTY

Common warranty in LED field is 2 years, ours is 5
Longer warranty periods, better after-sale services
worry-free user experience



OEM&ODM

1000+
Projects

5 days
Fast delivery



Door to door

3D

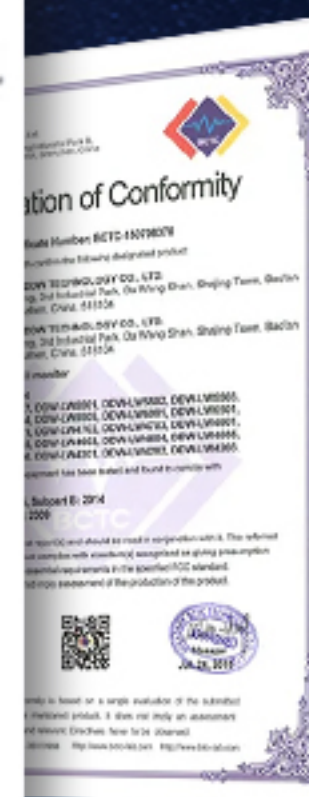
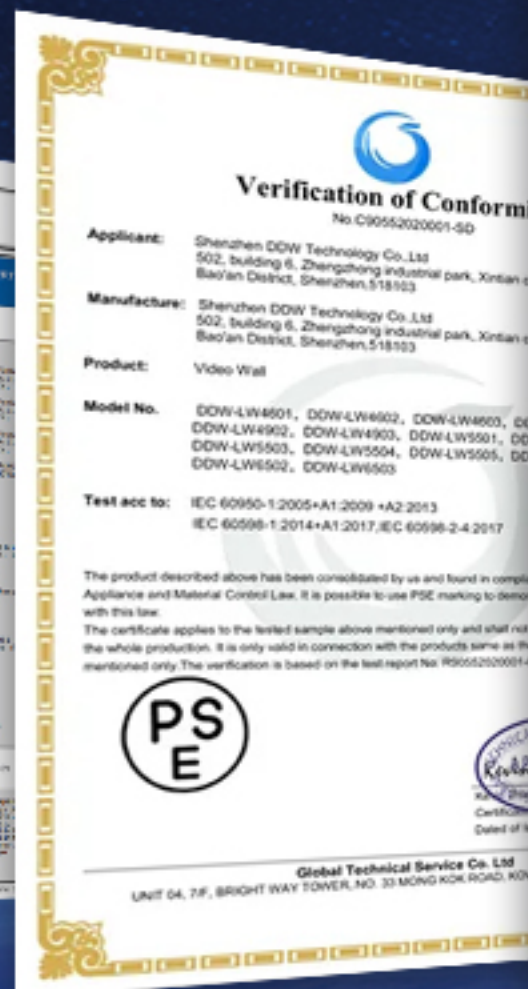
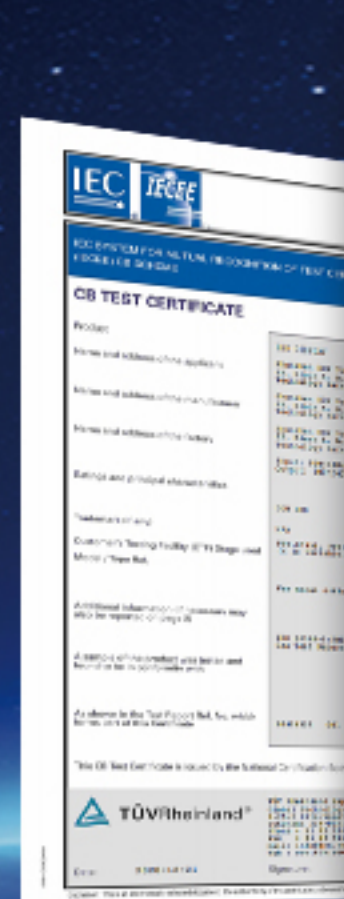
Installation video



Sample support



CERTIFICATE



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