REDOT

PROFESSIONAL CARBON

RC-oL3.9

Ultralight Carbon LED

RC-oL3.9

LIGHTER

9kg

500x1000mm outdoor

Redot
Carbon

BENEFITS OF CARBON FIBER PANELS

LIGHTER

THINNER

TOUGHER

FASTER

Redot Carbon

	WEIGHT
Average weight of 500*1000mm solid outdoor panel in the market	14KG
RC-oL3.9 500*1000mm outdoor panel	9KG

RC-oL3.9

ULTRALIGHT CARBON FIBER LED DISPLAY

LIGHTER

- Weight ≤9kg/panel

THINNER

- Super slim- 66.3mm depth

Full Carbon Frame	Common Cathode	Modular Design
Curveable	90° Corner	Full Touring Frame

Redot Carbon

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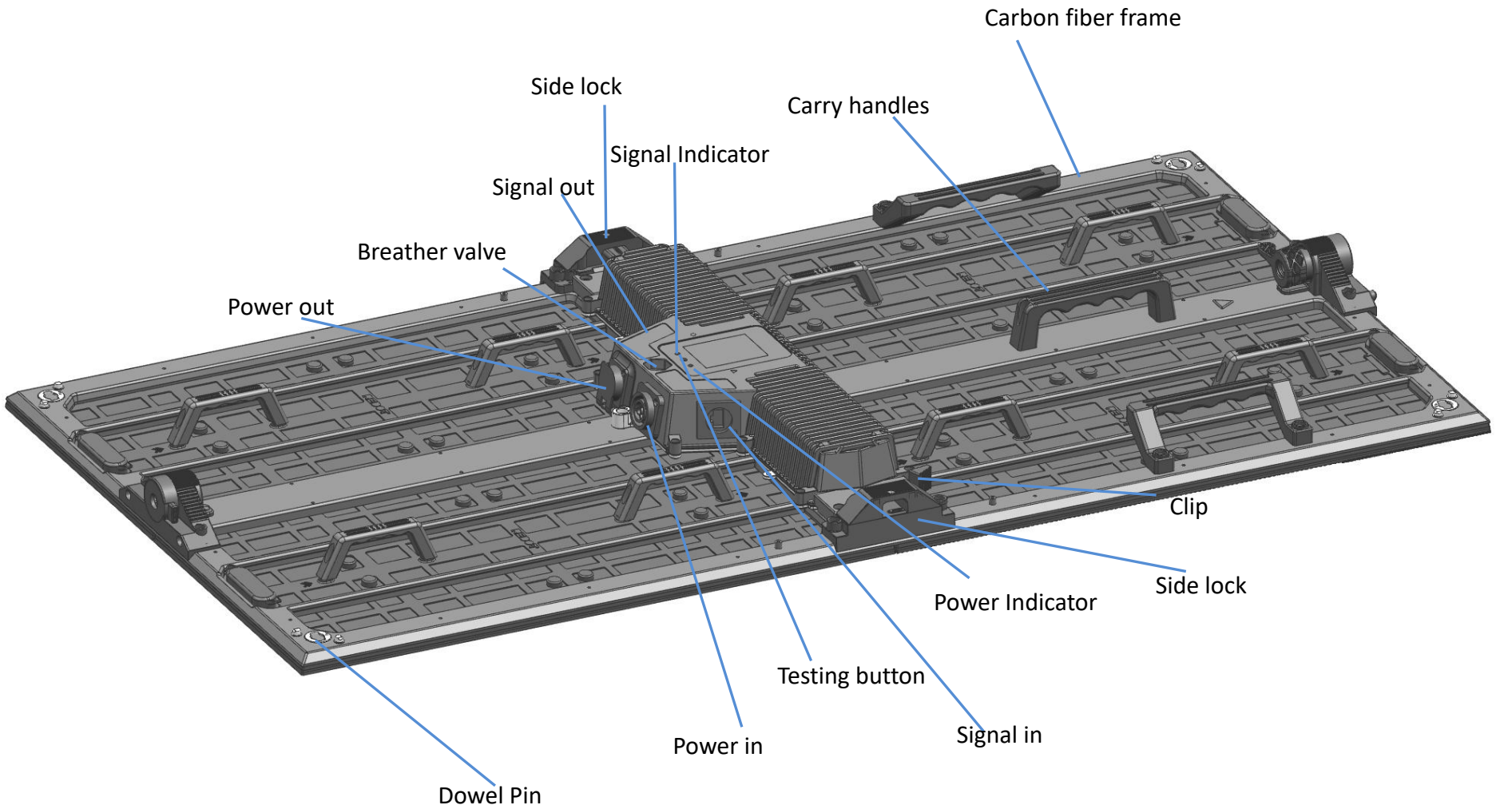
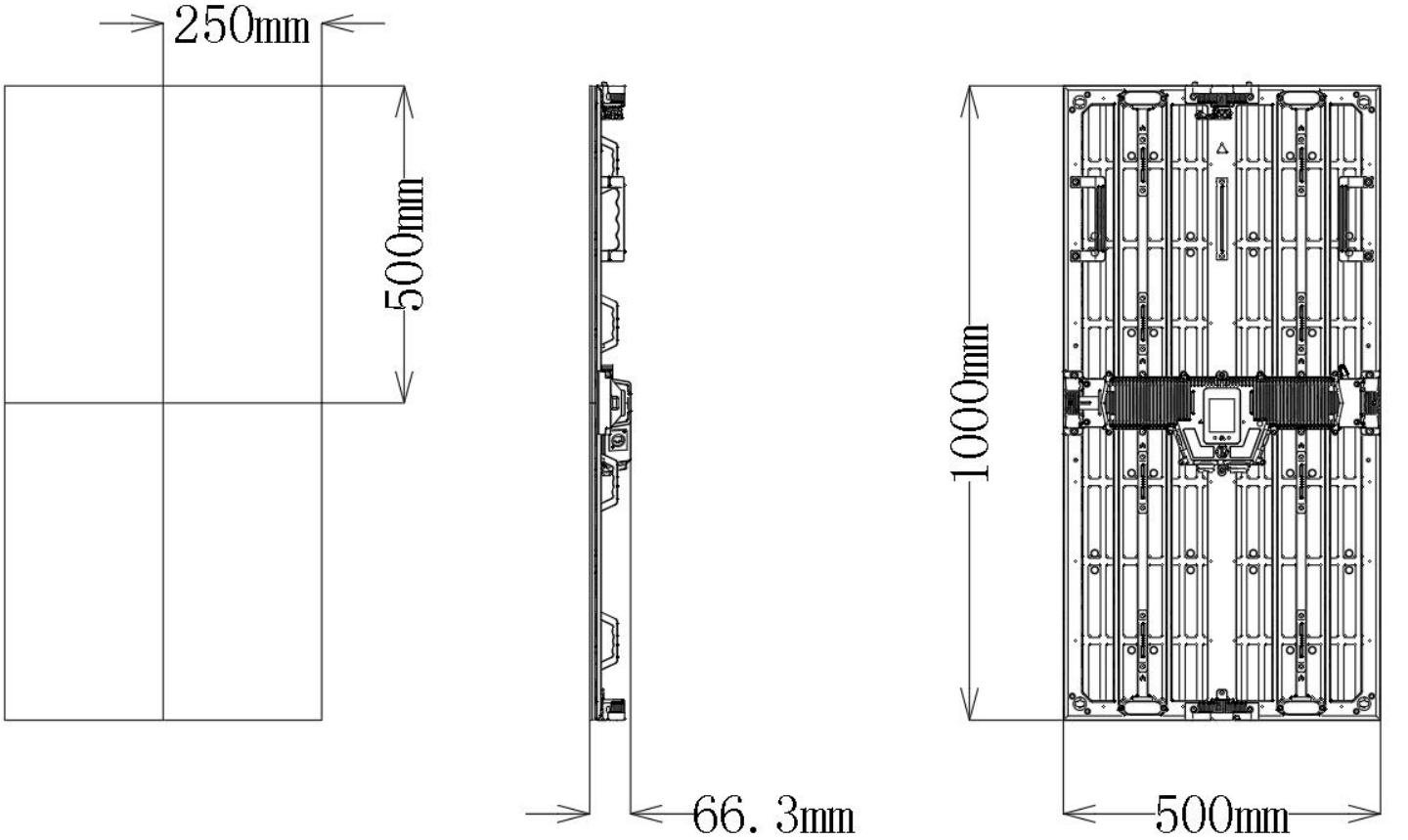
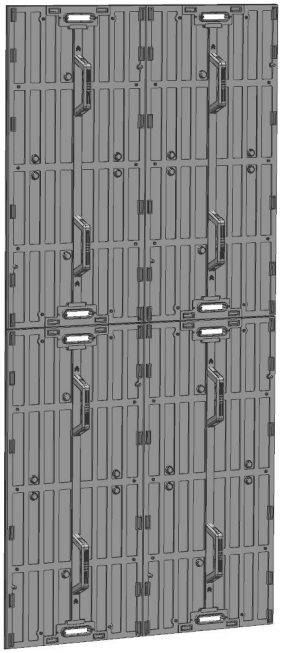
OVERVIEW


Carbon fiber frame
Side lock
Carry handles
Signal Indicator
Signal out
Breather valve
Power out
Clip
Side lock
Power Indicator
Testing button
Signal in
Power in
Dowel Pin

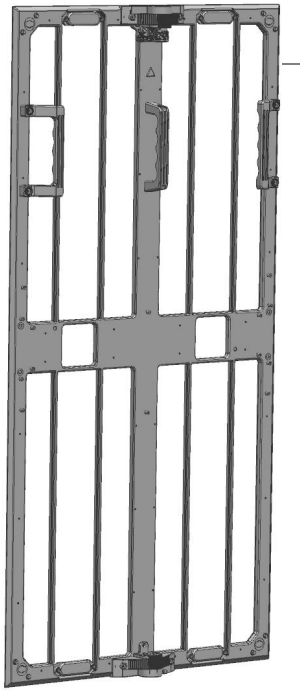
MEASUREMENTS



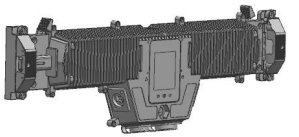
MODULAR DESIGN



LED Module

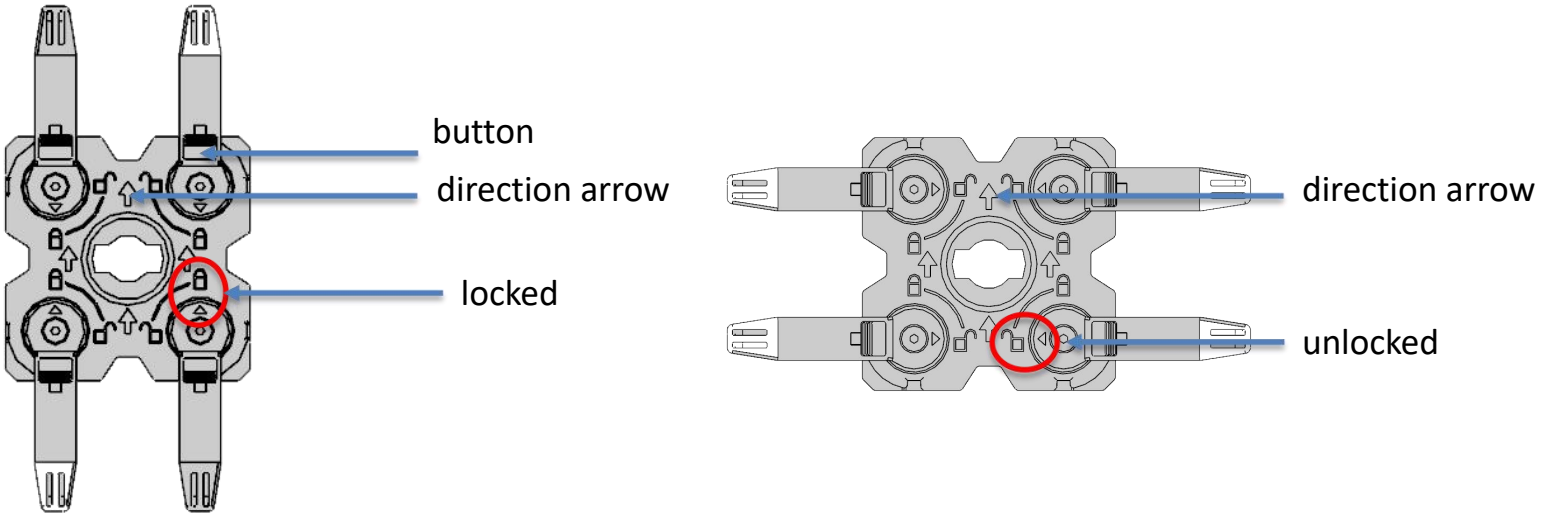


Carbon Fiber Frame



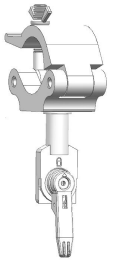
Power Box

LOCKING SYSTEM- CONNECTION PLATE

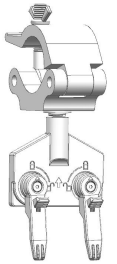


Push down the button and rotate the lever to open and close the lock

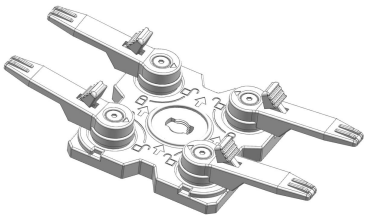
STRAIGHT INSTALLATION



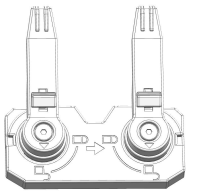
Half hanging connection plate



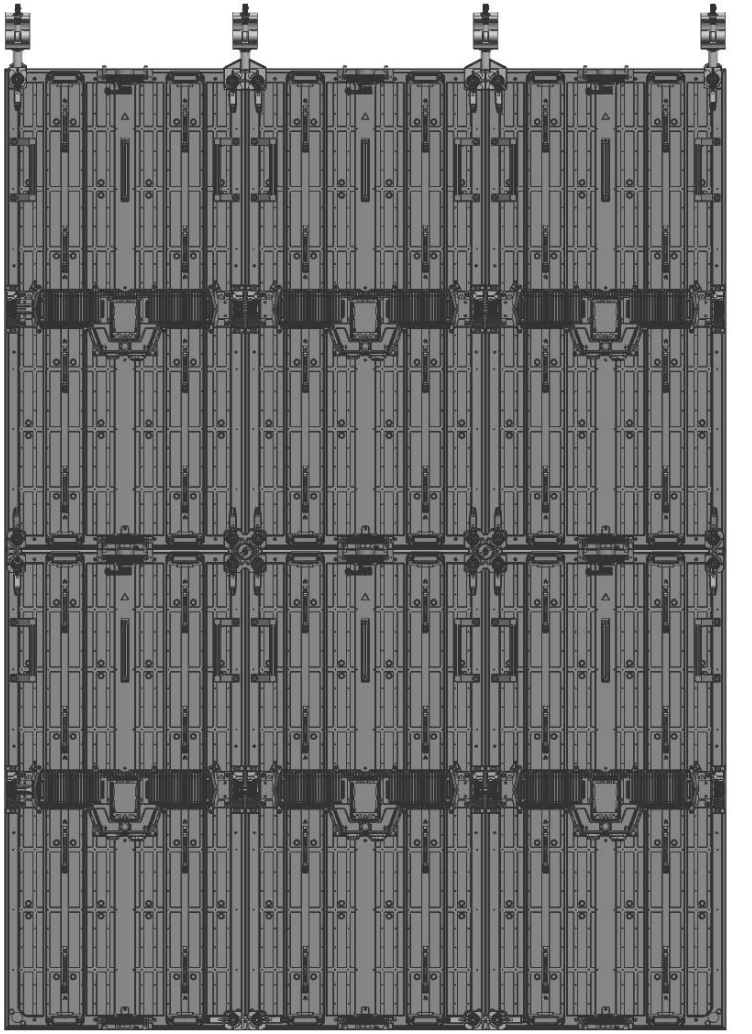
Hanging connection plate



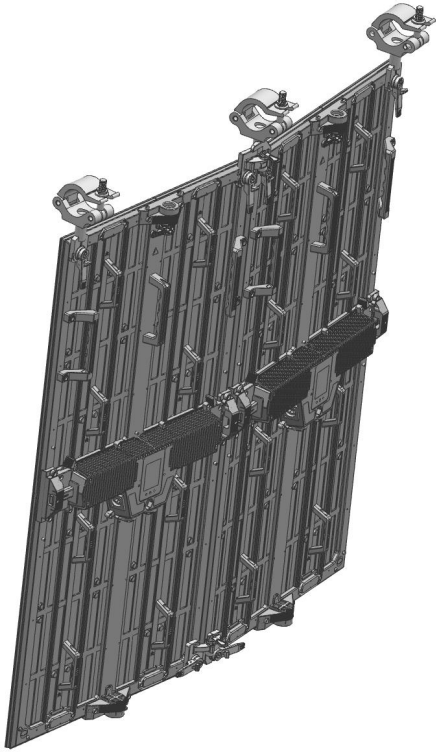
Connection plate

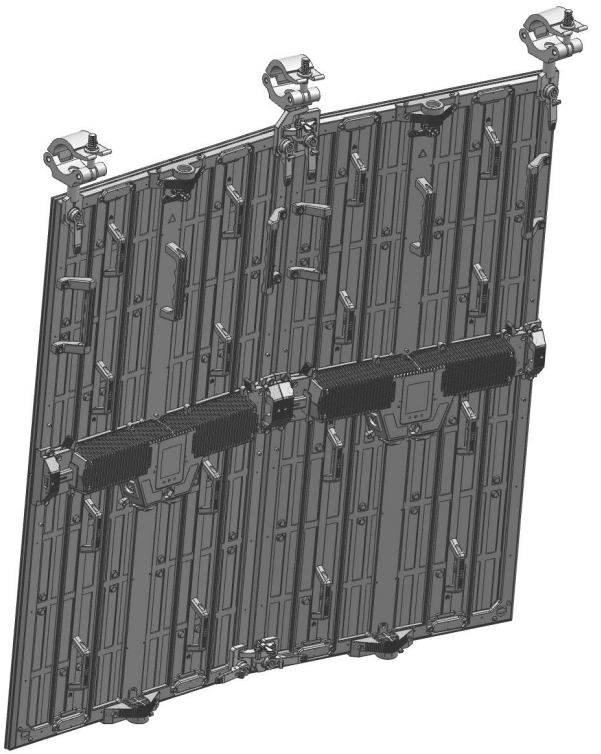


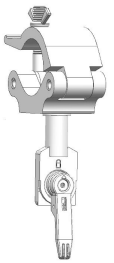
Half connection plate



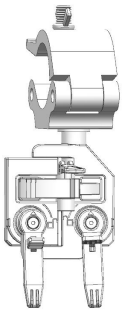
CURVED INSTALLATION



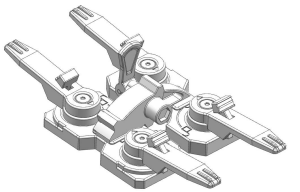




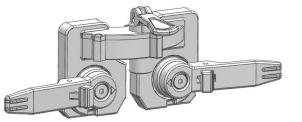
Half hanging connection plate



Hanging curved connection plate

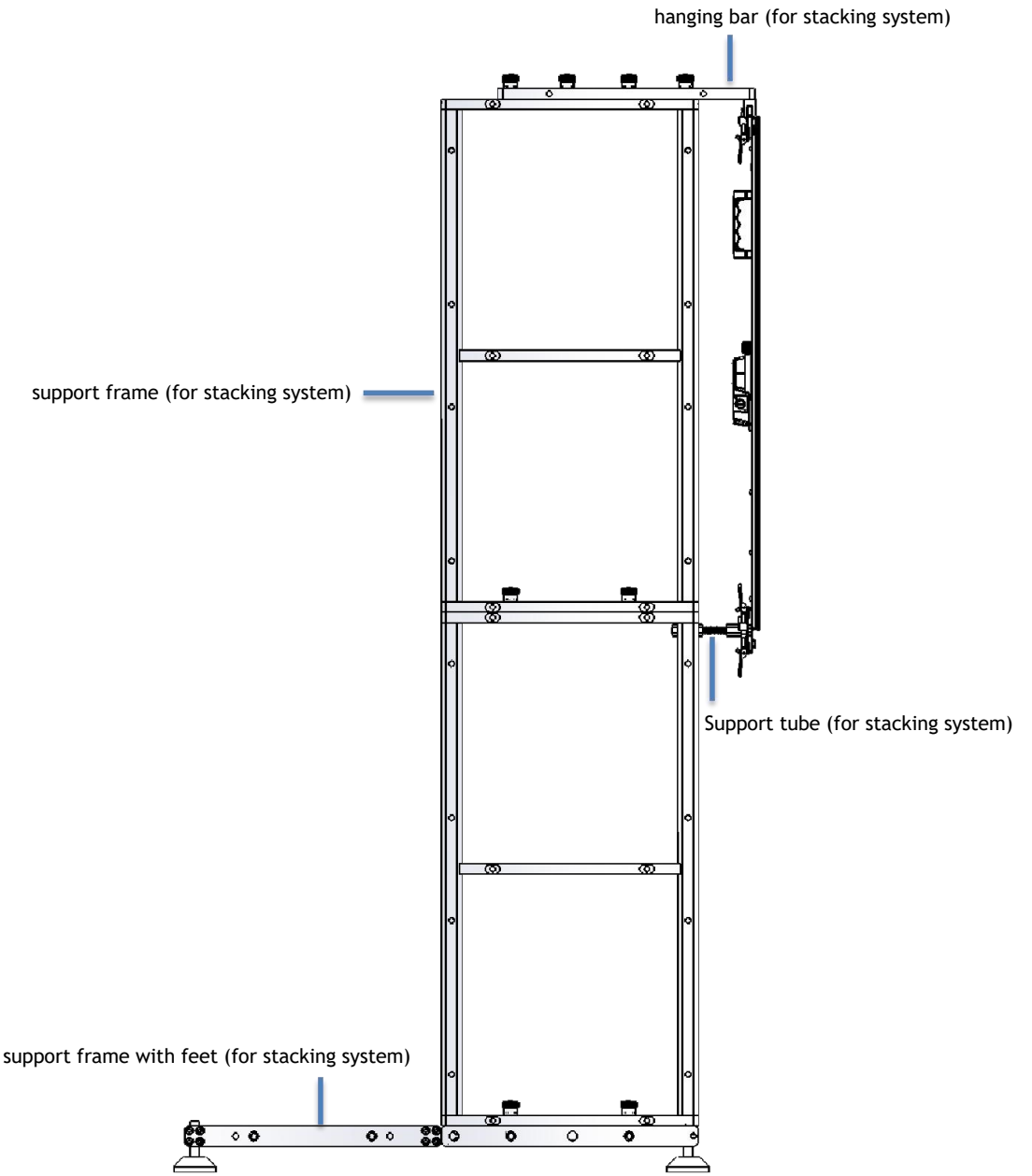


Curved connection plate

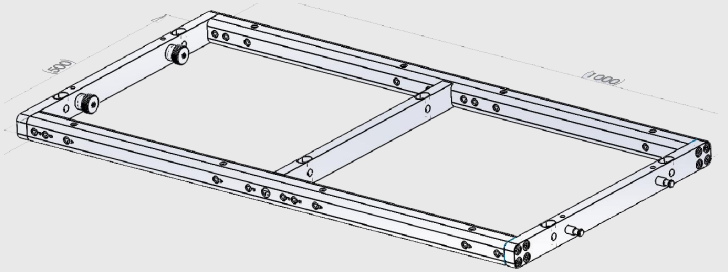


Half curved connection plate

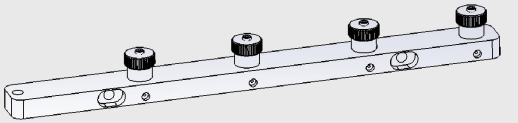
STACKING INSTALLATION



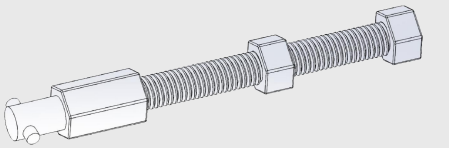
STACKING INSTALLATION



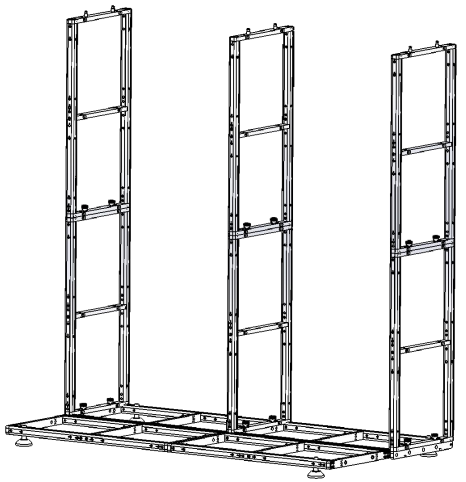
support frame (for stacking system)

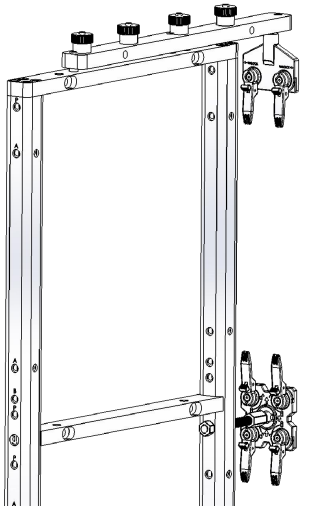


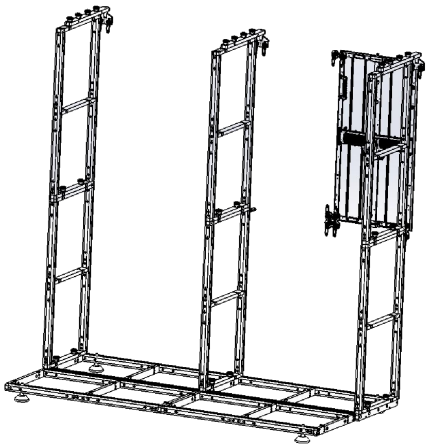
hanging bar (for stacking system)

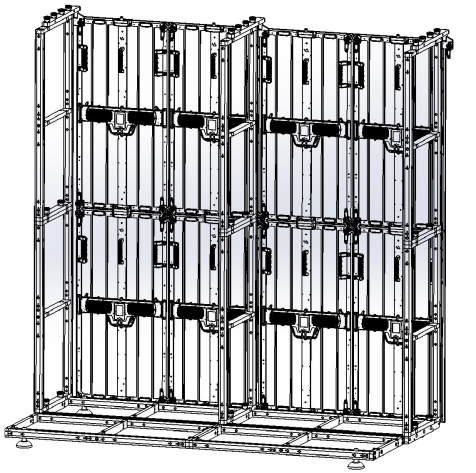


Support tube (for stacking system)

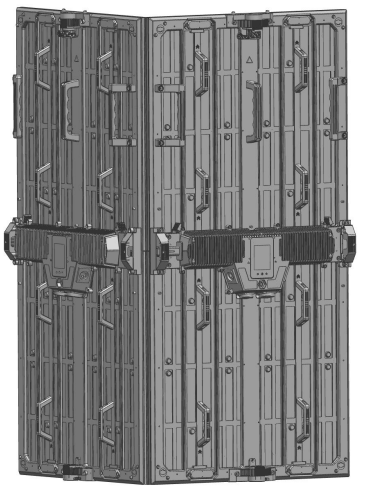


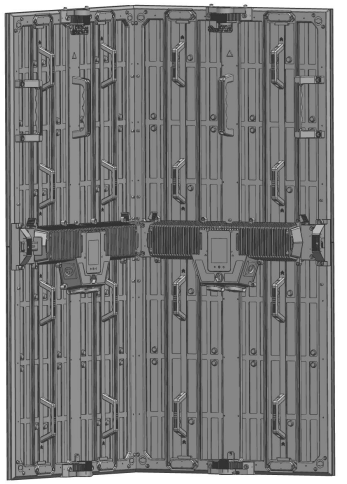


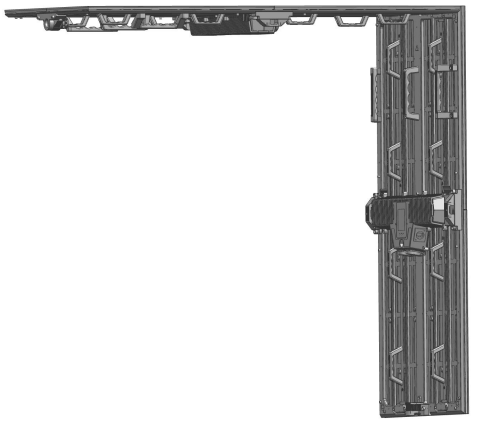




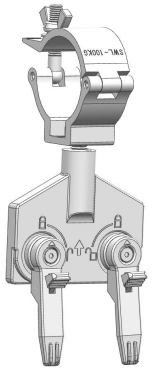
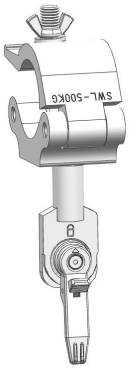
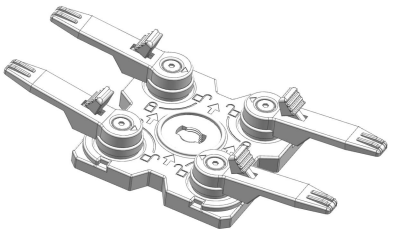
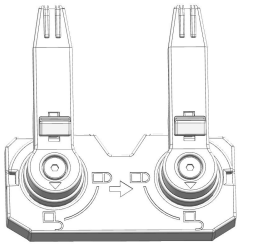
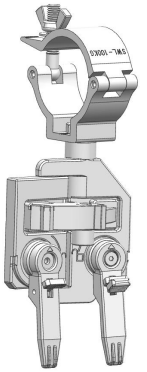
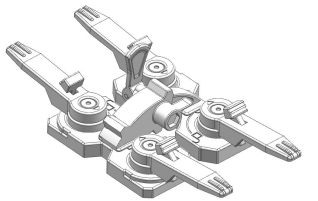
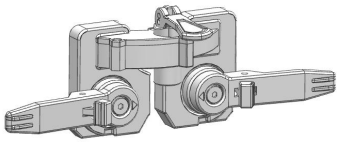
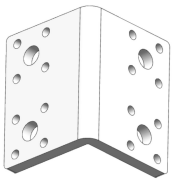
RIGHT-ANGLE INSTALLATION



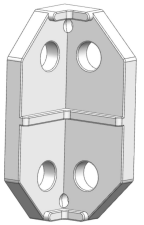
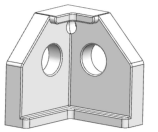
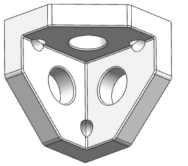




ACCESSORIES

 Hanging connection plate-2P	 Half hanging connection plate-1P	 Connection plate-4P	 Half connection plate-2P
 Curve hanging connection plate-2P	 Curve connection plate-4P	 Half curve connection plate- 2P	 270° connection plate-4P

ACCESSORIES

 90° connection plate-4P	 90° connection plate-2P	 Corner connection plate-3P	support tube(for stacking system)
Hanging bar (for stacking system)	Ground base foot cup	Jumper signal cable	Jumper power cable

ACCESSORIES

Main signal cable	Main power cable	Controller	Flight case

SPECS

Item v v	RC-oL3.9
LED configuration	3in1 SMD RGB common cathode
Pixel Pitch	3.91mm
Pixel Density	65536 / sqm
Cabinet Resolution	128*256
LED Cabinet Size(WxHxD)	500x1000x66.3mm
Cabinet Diagonal	1118mm | 44in
Cabinet Area	0.5sqm | 5.38sqft
Module Resolution	64*128
Module Size	250x500mm | 9.84x 19.69in
Modules/Cabinet (WxH)	2x2
Viewing Angle	140˚H/110˚V half brightness point
Max. Brightness Calibrated	5,500nits
Cabinet Material	Carbon Fiber
Cabinet Weight	≤9kg
Cabinet weight(per sqm)	≤18kg
Tensile strength	1969kgf
Line Voltage	90VAC ~ 264VAC,50/60Hz
Service Access	Front/ Rear
Transparency	Solid
Curving	+ 10 or – 10˚
IP Rate(Front&Rear)	IP65
Grey Scale- controller	18bit

SPECS

Item	RC-oL3.9
Grey scale- driving IC	16bit
Refresh Rate	7680Hz
Power Consumption, Maximum (watts)	285w/cabinet |570W/sqm
Power Consumption, Typical (watts)	142.5w/cabinet |285W/sqm
Operating Temp/Humidity	-20˚C ~ 45˚C | -4˚ to 113˚ F/ 10% ~ 100%RH
Storage Temp/Humidity	-40˚C ~ 60˚C | -40˚ to 140˚ F/ 10% ~ 70%RH (non condensing)
Color temperature Adjustable(k)	3000-9000
Video Inputs	DVI, HDMI, HD-SDI, DP
Video Input Resolution Maximum	4096x2160 @ 120Hz
Environmental	Indoor, Outdoor
Power supply	Hwawan HWT- 403V8 -2S- SP
Acoustic Noise	Fanless Operation
Compliance	CE/EMC/LVD
Installation	Hanging, standing
Max. Hanging(Panels)	15 panels with safety factor 11(indoor)
Max. Stacking(Panels)	15 panels with safety factor 11(indoor)

MIDDLE FRAME & WIND-BRACING OPTIONAL

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THANK YOU