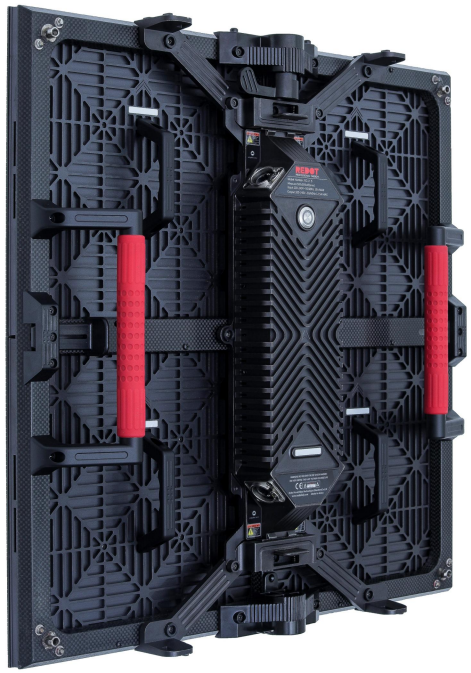
REDOT

PROFESSIONAL CARBON

RC-i1.5

Ultralight Carbon LED

RC-i1.5



LIGHTER

4.95kg

500x500mm indoor

Redat Carbon

BENEFITS OF CARBON FIBER PANELS

LIGHTER

THINNER

TOUGHER

FASTER

Redot Carbon

	WEIGHT
Average weight of 500*500mm indoor panel in the market	8.5KG
RC-i1.5 500*500mm indoor panel	4.95kg

RC-i1.5

ULTRALIGHT CARBON FIBER LED DISPLAY

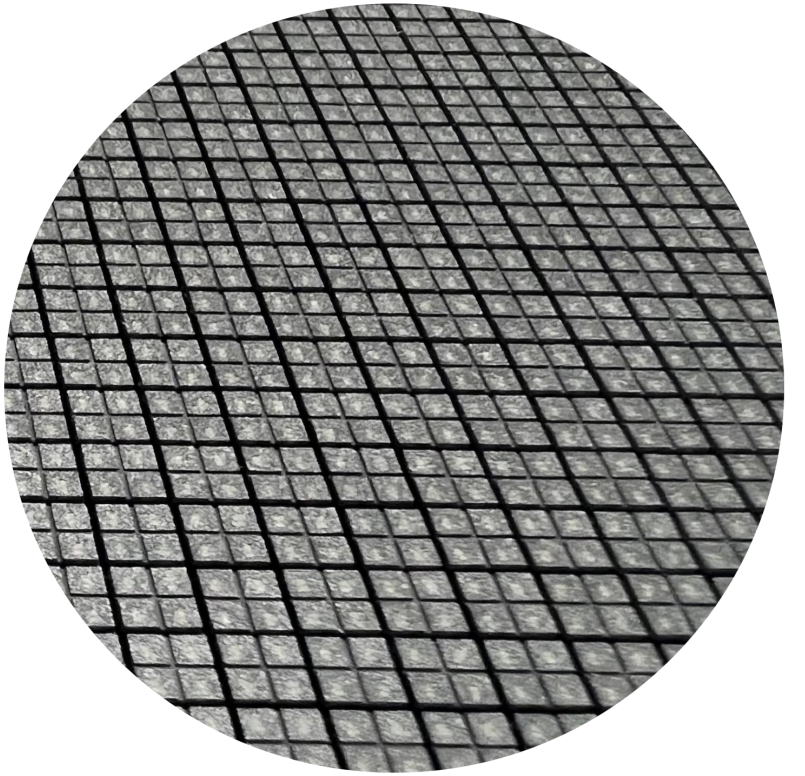
LIGHTER

- Weight ≤4.95kg/panel

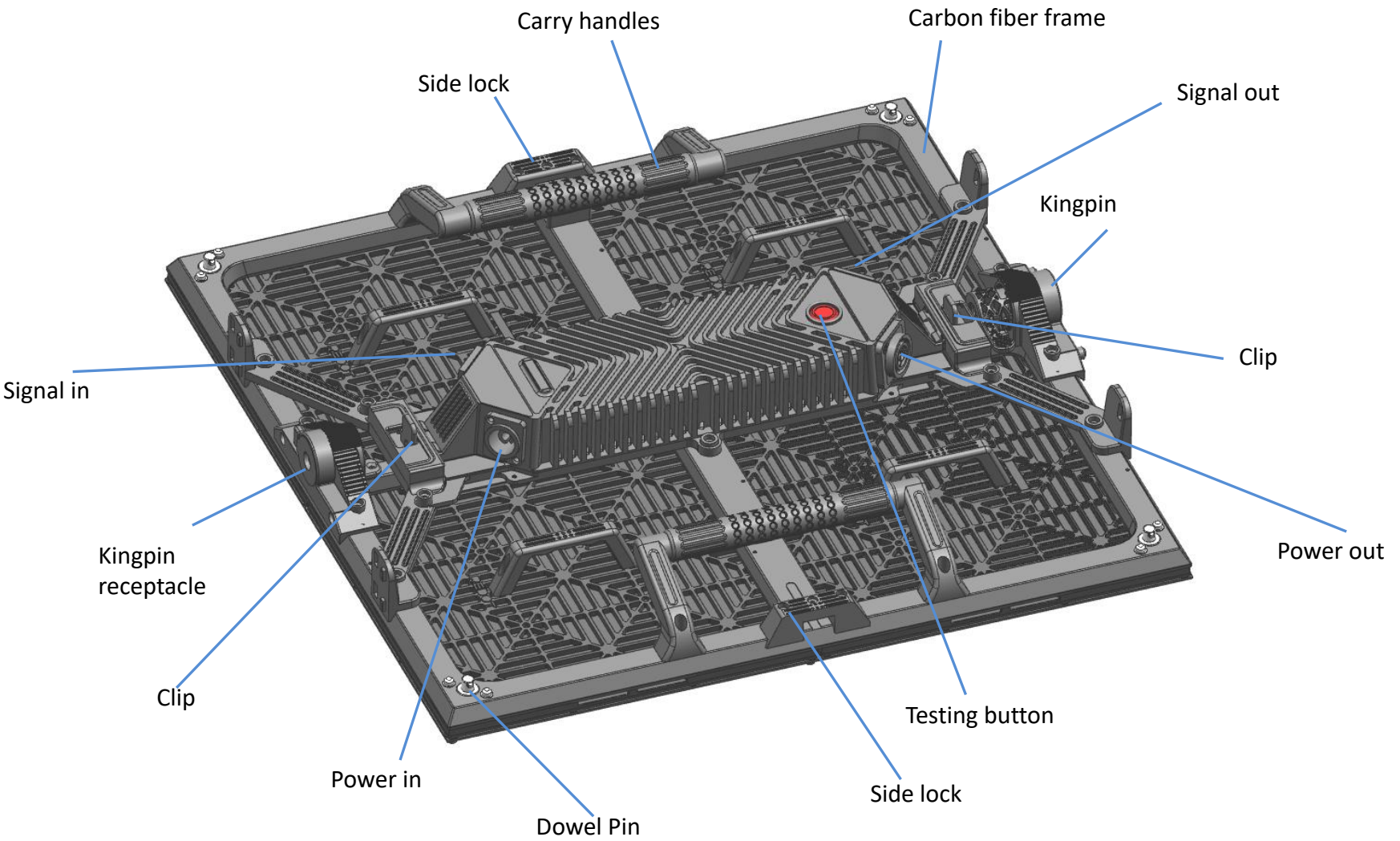
THINNER

- Super slim- 73mm depth

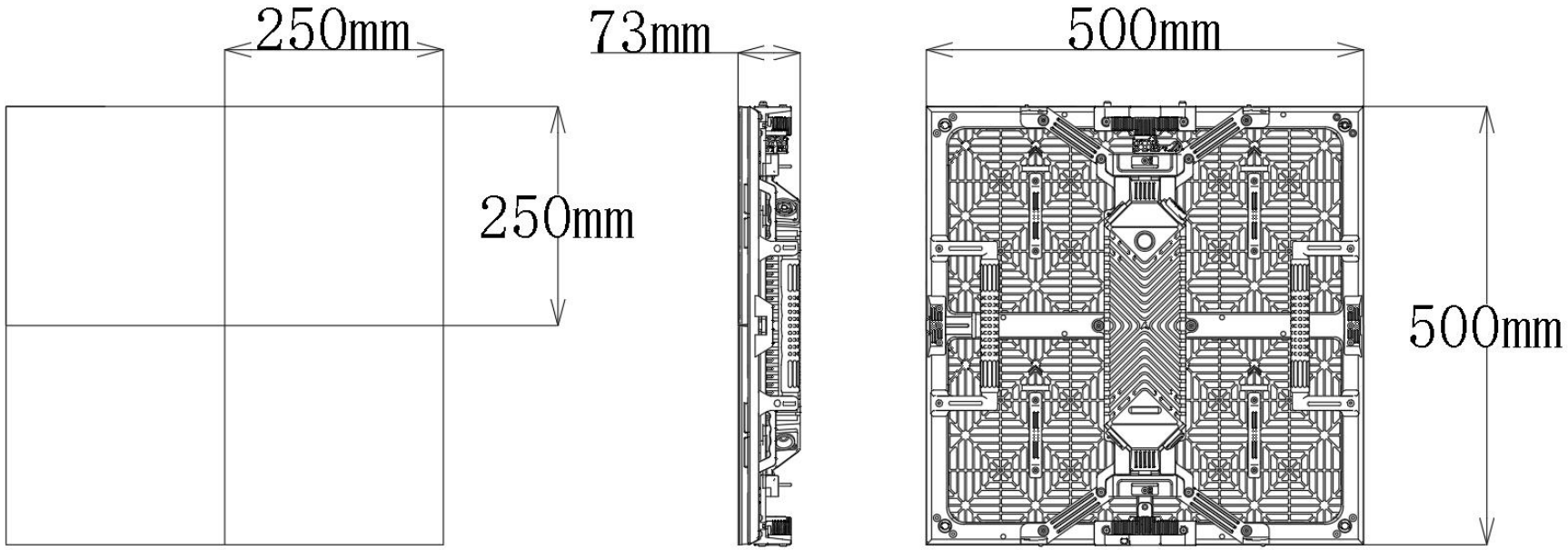
Full Carbon Frame	Common Cathode	IMD LED Package
Modular Design	Magnesium Alloy Module Shell	High Brightness



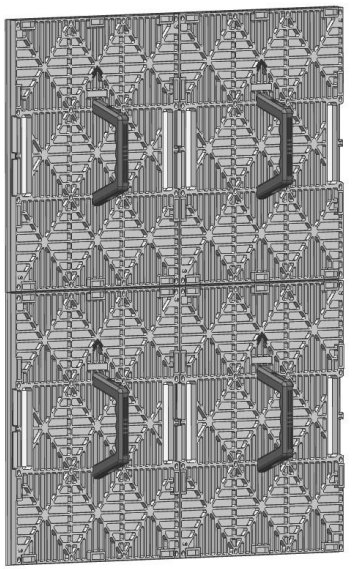
OVERVIEW

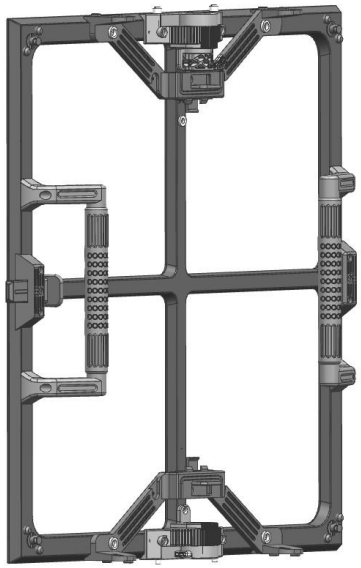

Carry handles
Carbon fiber frame
Side lock
Signal out
Kingpin
Clip
Signal in
Power out
Kingpin
receptacle
Clip
Testing button
Power in
Side lock
Dowel Pin

MEASUREMENTS



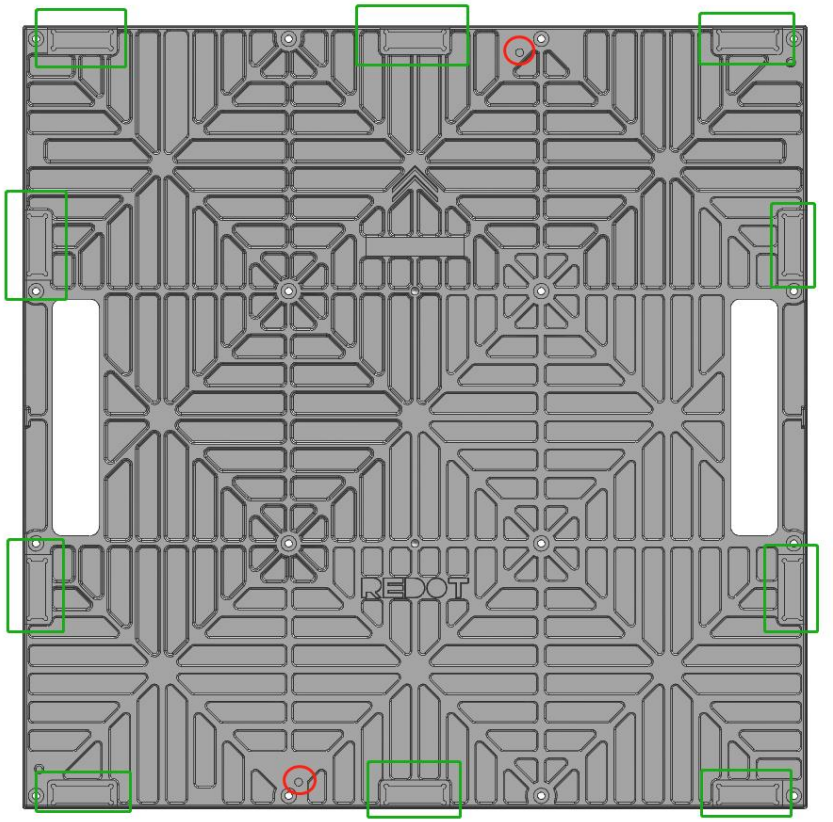
MODULAR DESIGN





Redot
Carbon

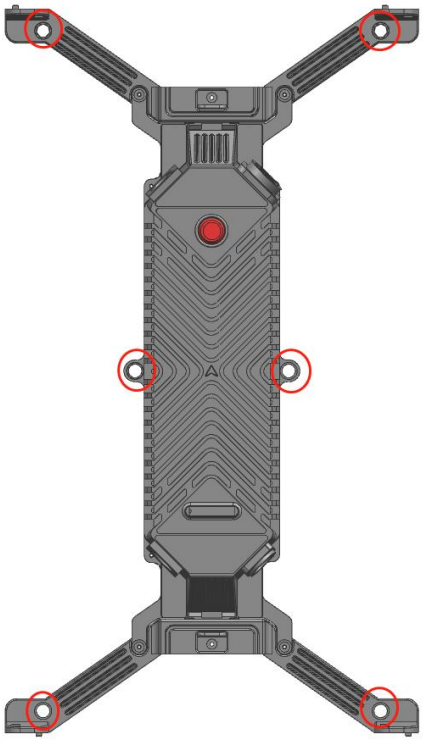
MODULE REAR MAINTENANCE



Magnet: 10pcs

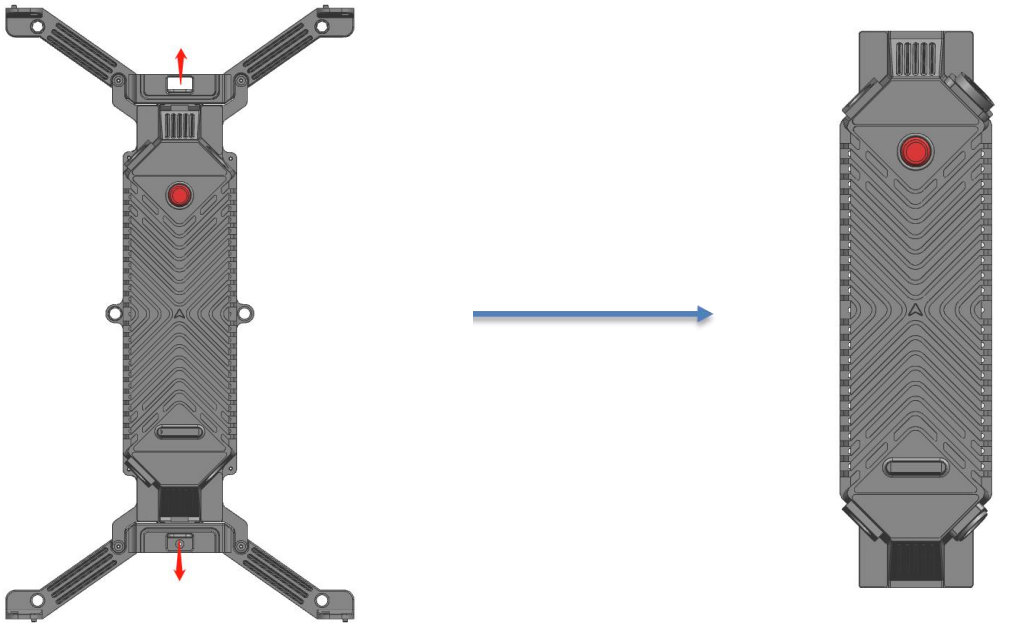
Screw (anti-vibration): 2pcs

POWER BOX REAR MAINTENANCE



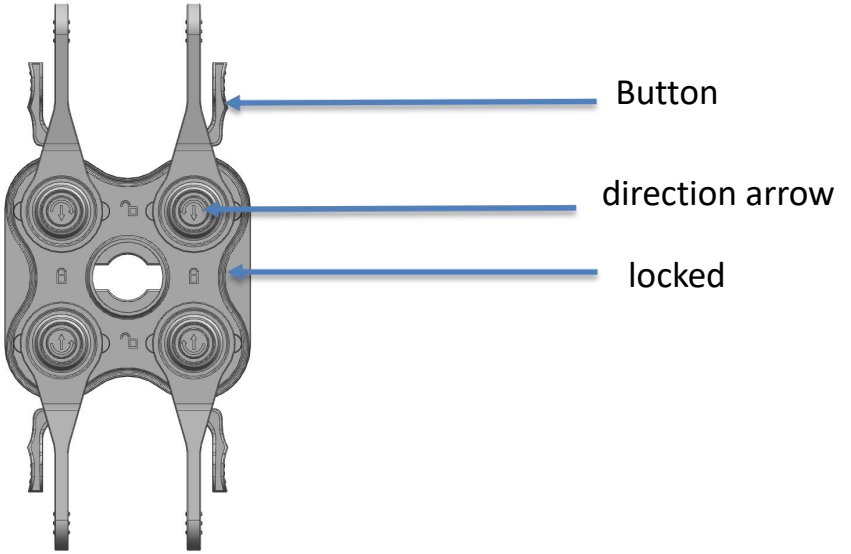
Screw (screws to take out the complete power box): 6pcs

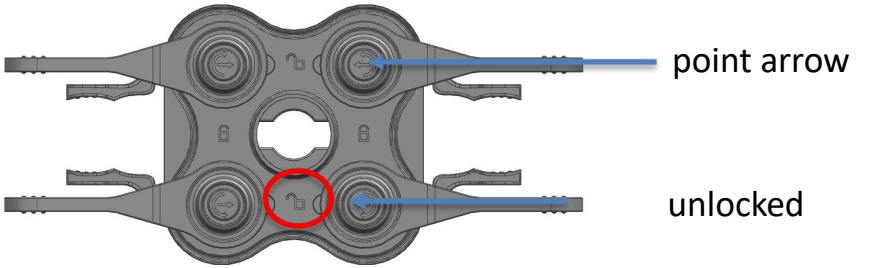
POWER BOX REAR MAINTENANCE



Pull out the two clips, you can take out the lid of the power box with power supply and receiver card in it , and leave the hub board on the bottom plate fixed with the panel frame.

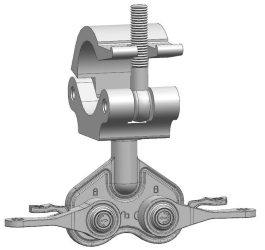
LOCKING SYSTEM- CONNECTION PLATE





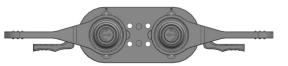
Push down the button and rotate the lever to open and close the lock

STRAIGHT INSTALLATION

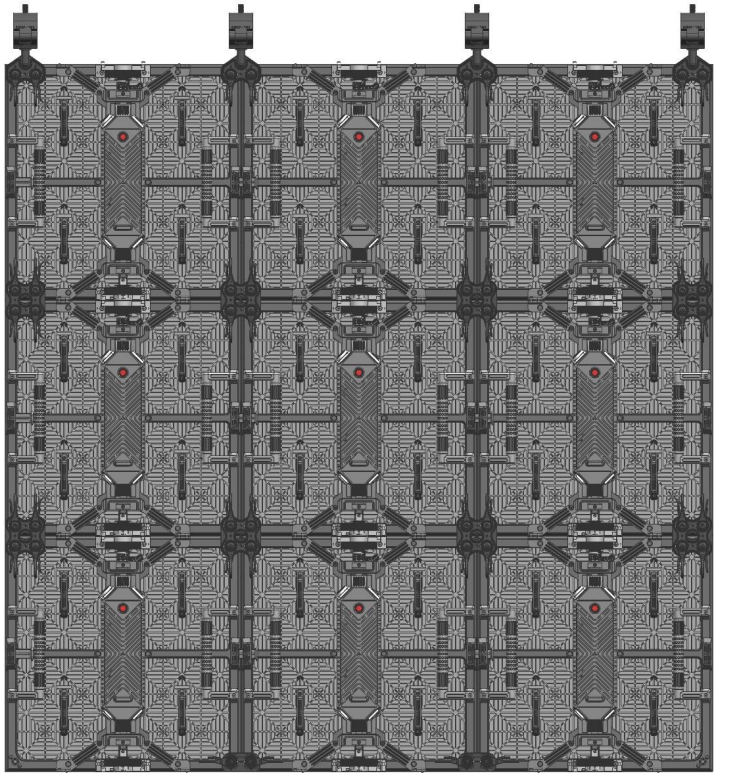


Hanging connection plate

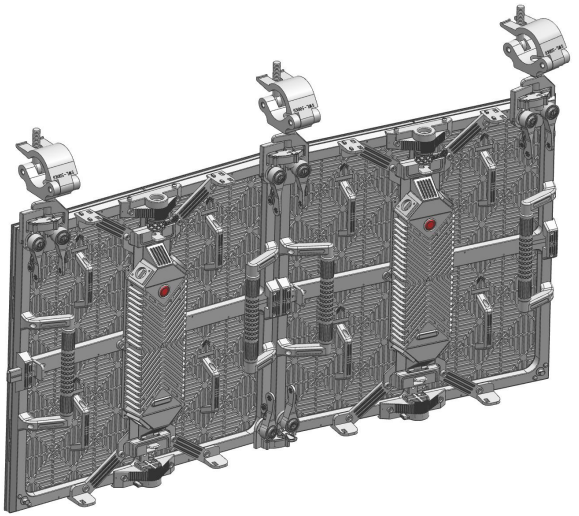
Connection plate

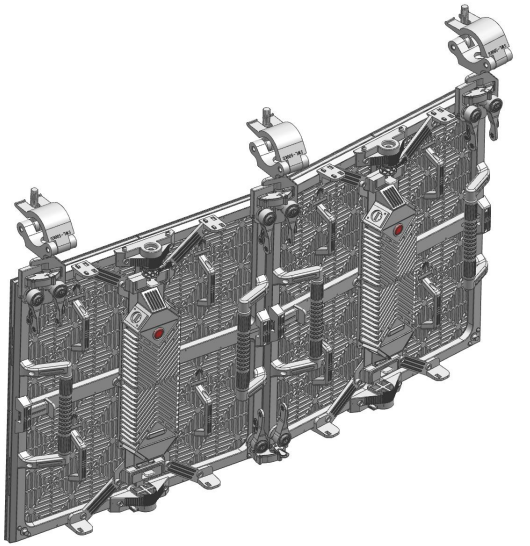


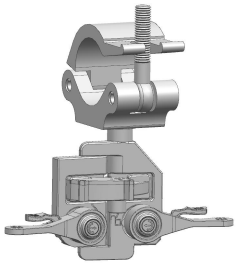
Half connection plate



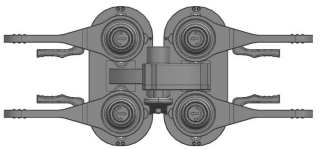
CURVED INSTALLATION



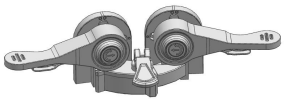




Hanging curve connection plate

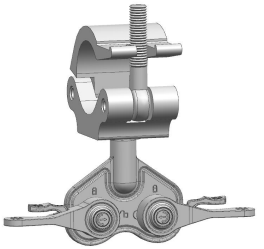
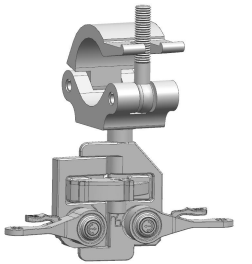
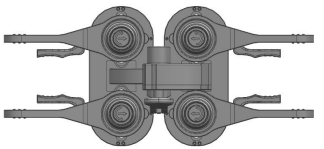
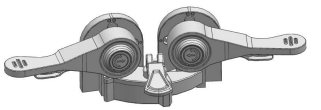


Curving connection plate



Half curving connection plate

ACCESSORIES

 Hanging connection plate-2P	Connection plate-4P	Half connection plate-2P	 Curve hanging connection plate-2P
 Curve connection plate-4P	 Half curve connection plate- 2P	Jumper signal cable	Jumper power cable

ACCESSORIES

Main signal cable	Main power cable	Controller	Flight case

SPECS

Item	RC- i1.5
LED configuration	4in1 common cathode
Pixel Pitch	1.56mm
Pixel Density	409,600 / sqm
Cabinet Resolution	320*320
LED Cabinet Size(WxHxD)	500x500x73mm
Cabinet Diagonal	707mm
Cabinet Area	0.25sqm
Module Resolution	160*160
Module Size	250x250mm
Modules/Cabinet (WxH)	2x2
Viewing Angle	140˚H/140˚V half brightness point
Max. Brightness Calibrated	1,200nits
Scan Ratio	1/16
Cabinet Material	Carbon Fiber
Cabinet Weight	≤4.95kg
Cabinet weight(per sqm)	≤19.6kg
Tensile strength	1969kgf
Line Voltage	90VAC ~ 264VAC,50/60Hz
Service Access	Front/ Rear
Transparency	Solid
Curving	+ 5 or – 5˚
Grey Scale- controller	18bit

SPECS

Item	RC-I1.5
Grey scale- driving IC	16bit
Refresh Rate	7680Hz
Power Consumption, Maximum (watts)	126w/cabinet |332W/sqm
Power Consumption, Typical (watts)	63w/cabinet |126W/sqm
Operating Temp/Humidity	-20˚C ~ 45˚C | -4˚ to 113˚ F/ 10% ~ 80%RH
Storage Temp/Humidity	-40˚C ~ 60˚C | -40˚ to 140˚ F/ 10% ~ 90%RH (non condensing)
Color temperature Adjustable(k)	3000-9000
Environmental	Indoor
Power supply	Hwawan HWA703V8D-2S-SP
Acoustic Noise	Fanless Operation
Compliance	CE/EMC/LVD
Installation	Hanging, stackding
Max. Hanging(Panels)	30 panels with safety factor 11(indoor)
Max. Stacking(Panels)	30 panels with safety factor 11(indoor)

REDOT

PROFESSIONAL CARBON

THANK YOU