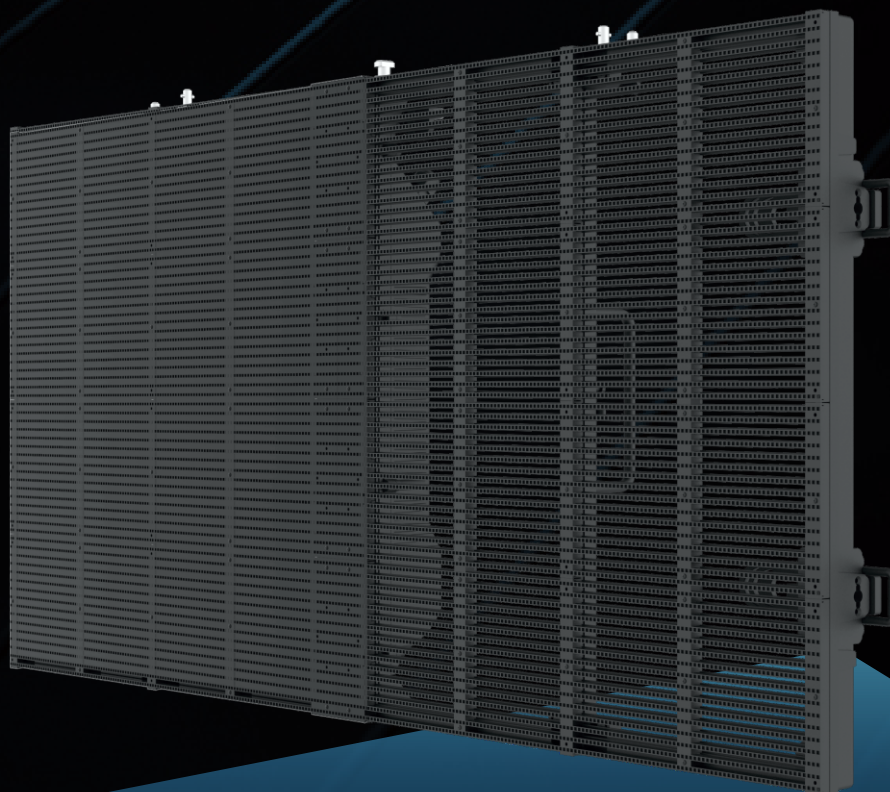


Tornado

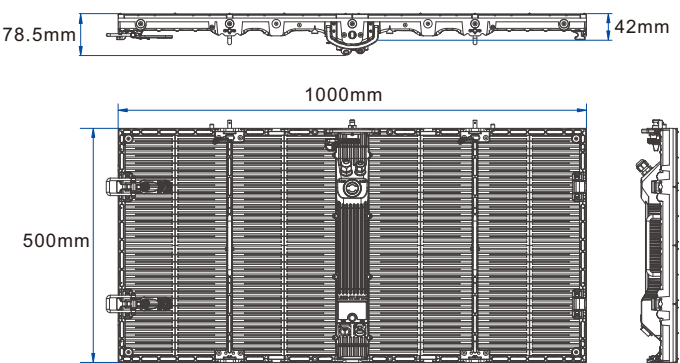
Changeable & freely for conceiving like sky

Pixel pitch: V3.9mm, H7.8mm | V7.8mm, H7.8mm



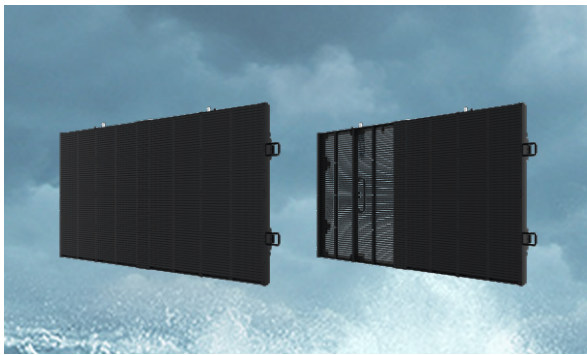
Features

High transparency	≥49% transparency with strong windproof
Driver IC	QFN packaged with great electrical & thermal conductivity; DES function for energy-saving and low heat generating
“Louver” design	One key switching in transparent & non-transparent
Lightweight & firm structure	Cabinet depth 78.5mm, weight 8.5kg with enhanced structure
Waterproof	Front& rear IP65
Accurate installation	Magnet + positioning pin + fast lock for more accurate installation



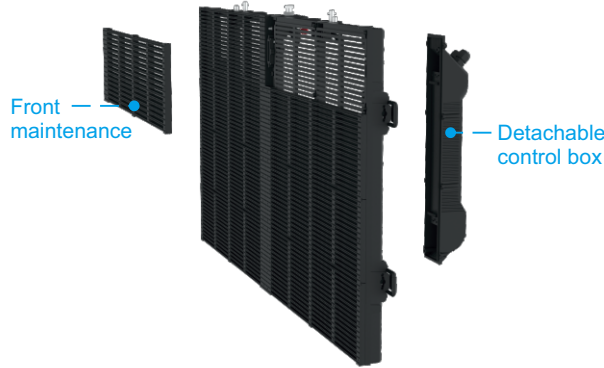
Transparent & non-transparent switching

Non-transparent state(OFF):
Transparent state(ON):



Maintenance

Screws on led strip board is detachable
Suitable for various environment

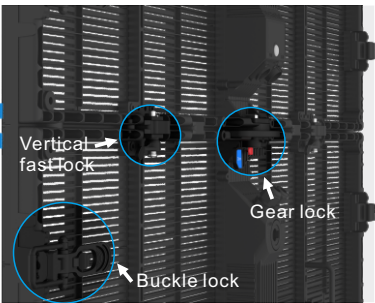


Magnet design for seamless stitching

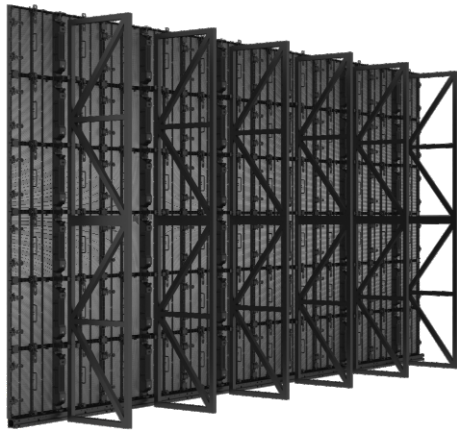
Magnet design between 2 vertical cabinets for seamless stitching to assure image smoothly



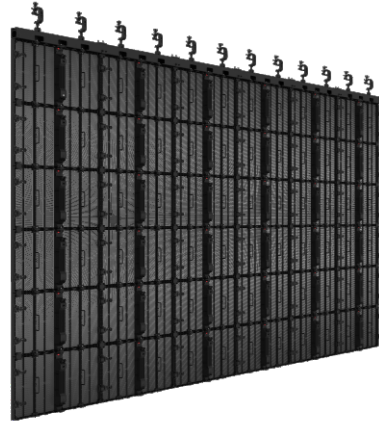
5pcs magnet +2pcs postioting pin for more connerient installation



Installation Type



Stacking
(Max height ≤10m)



Hanging
(Max height ≤10m)

Tornado specifications

Specifications	Outdoor	
Pixel pitch(mm)	Horizontal:3.9 Vertical:7.8	Horizontal:7.8 Vertical:7.8
LED type	SMD 1921	SMD 1921
Scan method	1/16s	1/16s
Module resolution(Pixels)	128*16	64*16
Module size(mm)	500*125	500*125
Pixel Density(Pixels/m ²)	32,768	16,386
Brightness (cd/m ²)	3000	1500
Viewing Angle(H/V)	H:140 V:100	H:140 V:100
Cabinet Size(mm)	500(W)*1000(H)*78.5(D)	500(W)*1000(H)*78.5(D)
Cabinet Material	Aluminum die-casting	Aluminum die-casting
Cabinet weight(kg)	≈8.5	≈8.5
Refresh rate(Hz)	≥3840	≥3840
Input voltage(V)	AC100-240	AC100-240
Input power frequency(Hz)	50/60	50/60
Max Input Power(W/m ²)	≈400	≈400
Average Input Power(W/m ²)	≈200	≈200
Lifespan(H)	≥50,000	≥50,000
Transparency	49%	49%
IP Rate	IP65	IP65

Configurations



Name: Power supply
Code: 103010357
Dimension: 220(L)*53(W)*26.5(H)mm
Notes: Output 5V/80A
Input 100-240VAC



Name: System
Brand: Nova/Colorlight



P-IN S-IN

Name: Plug
Brand: Seetronic/Cnlinko



Name: Vertical fast lock
Code: 112090413
Dimension: 56.5*50*17mm



Name: Buckle lock
Code: 112090400
Dimension: 145*56*30mm



Name: Gear lock
Code: 112090401
Dimension: 73*61*45mm



① Clamps



② Rigging ring



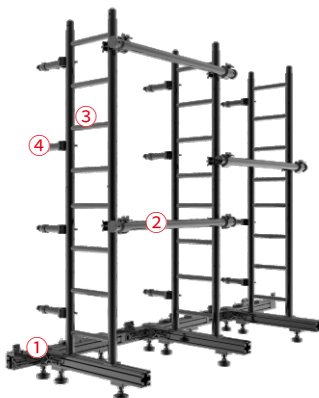
Name: Hanging beam
Code: 112120395
Dimension: 1000*65*82mm
Notes: 2 cabinets/beam
Universal for ground beam
and hanging beam



Name: Connecting plate
Code: 112010635
Dimension: 60*60*3mm



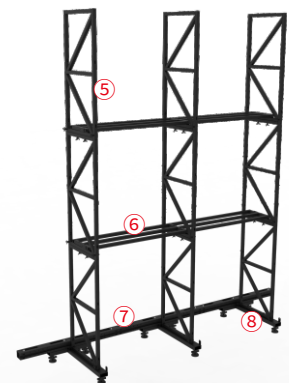
Name: Flight case
Code: 113011729
Dimension: 1015(L)*857(W)*497(H)mm
Notes: 8pcs cabinets/box



Structure 1

No.	Name	Code	Dimension/mm
①	Ground beam 1	112180099	884*350*250
②	Scalable pole	112330146	φ 50*960
③	Grille bracket	112180100	φ 50*400*1000
④	Connecting arms	112090390	133.5*347.7*50

No.	Name	Code	Dimension/mm
⑤	Grille bracket	107270068	1040*500*30
⑥	Maintenance access	112250093	1100*300*60
⑦	Ground beam 2	112120395	1000*65*82
⑧	Ground beam 3	112180099	884*350*250



Structure 2