



Venus Series

High-end Outdoor Touring Solution



Module-on-frame



IP rating for outdoor use



Climbable structure



Wind-load resistance

◀ Durable Platform for Outdoor Touring Stage

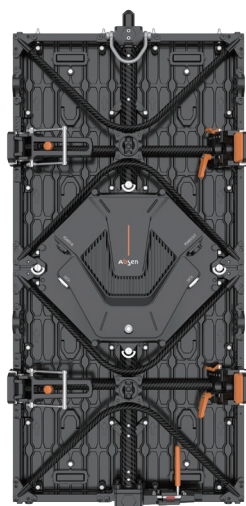
- 3.9, 4.8, 8.3mm pixel pitch*
- Large-sized lock system for easier operation
- Curved connection from -10° convex to +10° concave (5° per unit)*
- Convenient rear maintenance of module, PSU, etc
- Modules and power box mounted directly on the sturdy frame
- Equipped with safety latch to connect the climbing hook*
- Carbon fiber climbable structure, lightweight and stronger than steel
- Optional bottom protection to protect the LEDs on the edge



reddot winner 2020



500x500mm (19.69x19.69")



500x1000mm (19.69x39.37")



1500x1000mm (59.06x39.37")

*VN8.3 is only available in two sizes of 500x1000mm and 1500x1000mm. 500x1000mm and 1500x1000mm panels are equipped with safety latch as standard. Only 500x500mm panels and 500x1000mm panels support building curved screens.

Wind-load Resistance LED Screen Solution



- Foldable wind-bracing system



- 5-in-1 dolly system (only for panels transportation)

- Once mounted with wind-bracing systems, the LED panels are wind-load resistance and can be hang up to 20m (65.62') even in the case of fresh gale (force 8)
- The foldable wind-bracing system is available, which needs to be separated from the panels for transport
- The foldable wind-bracing system is applicable to VN series panels of different sizes, which weighs only 5.6kg(12.35lbs)/pc
- After stretching, the distance between the axial column of the wind-bracing system and the LED surface of the panels is 536mm(21.10")

Efficient Transportation

- 315m²(3390 ft²) panels per truck (transported by 5-in-1 dolly system)



Product Specification

Parameters	VN3.9 Pro		VN4.8 Pro		VN8.3	
	Brompton	NovaStar	Brompton	NovaStar	Brompton	NovaStar
Control system	Brompton	NovaStar	Brompton	NovaStar	Brompton	NovaStar
LED type	Black SMD1921	Black SMD1921	Black SMD1921	Black SMD1921	SMD1921	SMD1921
Pixel pitch (mm)	3.9	3.9	4.8	4.8	8.3	8.3
Panel dimensions (WxHxD, mm)	500x500x113 (19.69x19.69x4.45") / 500x1000x113 (19.69x39.37x4.45") 1500x1000x113 (59.06x39.37x4.45")				500x1000x113 (19.69x39.37x4.45") 1500x1000x113 (59.06x39.37x4.45")	
Panel resolution	128x128 / 128x256 / 384x256		104x104 / 104x208 / 312x208		60x120 / 180x120	
Panel weight (kg)	9.5 (20.94lbs) / 17 (37.48lbs) / 43 (94.80lbs)				17 (37.48lbs) / 43 (94.80lbs)	
Panel material	Carbon fiber + Die casting aluminum					
Module size (WxH, mm)	250x500					
Brightness (nit)	4500	4500	4500	4500	5000	5000
Refresh rate (Hz)	7680	7680	7680	3840	7680	3840
Grayscale (bit)	16	15	16	15	16	15
Contrast ratio	8900:1	8900:1	8900:1	8900:1	6500:1	6500:1
Color temperature (K)	6500					
Viewing angle (H/V, °)	160/140	160/140	120/80	120/80	120/85	120/85
Drive mode	1/8	1/8	1/7	1/7	1/4	1/4
AC operating voltage (V)	100~240					
Power consumption (max./avg., W/m ²)	760/254	760/254	860/290	860/290	610/205	610/205
IP rating	IP65/IP54	IP65/IP54	IP65/IP54	IP65/IP54	IP65/IP54	IP65/IP54
Certification	FCC, ETL, CE, RoHS					



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