



## Polaris V3 Series

A Durable Platform with Clear Image



High-Strength Cabinet



Triple-Guard Modules



Versatile Applications



Tool-Free Maintenance



500X1000mm  
(19.69x39.37")



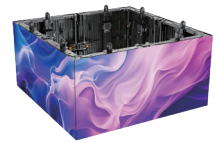
500X500mm  
(19.69x19.69")



Unibody Dual-Layer Cabinet



Corner Panels



Tetrahedral Displays  
(Minimum Side Length: 1m)

### ◀ One Screen for Corporate Events, Festivals, and Touring

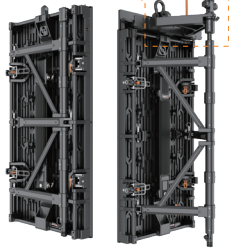
- Available in 3.9mm and 4.8mm pixel pitch
- P3.9 for indoor & outdoor use: Instantly switch from 1500nits indoors to 5000nits outdoors – no need to resend files
- High-strength cabinet, made of die-casting magnesium
- Triple-guard modules: Corner shield, safety ropes, locking knob
- Automatic edge protection: Protection mechanism automatically retracts during vertical installation
- High-strength king pin vertical locking with auto-magnetic cabinet design
- Tool-free rear maintenance of modules and integrated power box (integrated with PSU, hub board, receiving card, etc.)
- Easily switch between Brompton and Novastar just by replacing the receiver card

## Optional Accessories for Various Application Scenarios

### Festivals & Touring

- Integrated wind-bracing system: 110mm mounted, 381mm unfolded
- Reinforced triangle hanging bars (length options: 500mm | 1000mm)
- 20m max hanging height, wind-resistant to Beaufort 8 (62-74km/h, 184.9-267.8Pa)
- 14-in-1 dolly systems, designed for 40HQ container-optimized configuration: 252m<sup>2</sup> panels + 504pcs wind-bracing systems

Triangle Hanging Bar



Integrated Wind-Bracing System (3.8kg/pc)



14-in-1 Dolly System



Dual-Stack Deployment



### Corporate Events

- Climb-assist ladder system with 340mm spacing for safe maintenance access
- 5-in-1 flight cases for 500x1000mm panels
- 10-in-1 flight cases for 500x500mm panels



5-in-1 / 10-in-1 Flight Cases



Climb-Assist Ladder System

## Product Specification

Parameters	PL3.9 Pro V3		PL3.9 Pro V3 Corner Panel (L/R)	PL4.8 Pro V3		PL4.8 Pro V3 Corner Panel (L/R)
Control system	Brompton/ NovaStar					
LED type	Black SMD1921			Black SMD1921		
Pixel pitch (mm)	3.9			4.8		
Panel dimensions (WxHxD, mm)	500x1000x88 (19.69"x39.37"x3.46")	500x500x88 (19.69"x19.69"x3.46")		500x1000x88 (19.69"x39.37"x3.46")	500x500x88 (19.69"x19.69"x3.46")	
Panel resolution	128x256	128x128	128x128	104x208	104x104	104x104
Panel weight (kg)	12 (26.46 lbs)	7 (15.43 lbs)	6.4 (14.11 lbs)	12 (26.46 lbs)	7 (15.43 lbs)	6.4 (14.11 lbs)
Panel material	Die casting magnesium					
Module size (WxH, mm)	250x500 (9.84"x19.69")					
Brightness (nit)	5000	5000	5000	5000	5000	5000
Refresh rate (Hz)	7680	7680	7680	7680	7680	7680
Grayscale (bit)	16	16	16	16	16	16
Contrast ratio	7500: 1	7500: 1	7500: 1	8300: 1	8300: 1	8300: 1
Color temperature (k)	6500					
Viewing angle (H/V, °)	160/160	160/160	160/160	160/120	160/120	160/120
Drive mode	1/8	1/8	1/8	1/7	1/7	1/7
AC operating voltage(V)	100-240					
Power consumption (max./avg., W/m <sup>2</sup> )	720/240	720/240	720/240	740/247	740/247	740/247
IP rating	IP65/IP65					
Certification	FCC, ETL, CE, UKCA, RoHS					

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