



Polaris V2 Series

Mainstream Indoor & Outdoor Rental Solution



HDR10



Excellent Performance



Creative Connection



Ultimate User Experience

◀ Indoor Brilliant Display Effects

- 1.9, 2.5, 2.9, 3.9mm pixel pitch
- Up to 1500nits high brightness
- Up to 16bit grayscale
- All products are available in 500(W)x500(H)x78(D)mm dimensions
- PL2.9 Plus V2 and PL3.9 Plus V2 are also available in 500(W)x1000(H)x78(D)mm size
- PL2.5 Pro V2 features UltraBlack technology to reduce reflections and improve contrast
- Narrow pixel pitch products($PP \leq 2.5\text{mm}$) incorporate automatic edge protection on each corner



500X1000mm
(19.69x39.37")

500X500mm
(19.69x19.69")

◀ Outdoor Stunning Performance

- 2.9, 3.9, 4.8mm pixel pitch
- Up to 4500nits brightness, 7680Hz refresh rate
- 500(W)x500(H)x78(D)mm and 500(W)x1000(H)x78(D)mm panel dimensions

- 500x500mm and 500x1000mm panels can be connected vertically
- Optional wind-bracing systems available for 500x1000mm panels

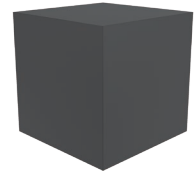
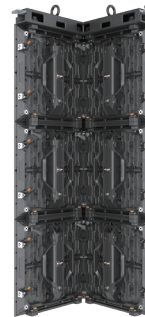
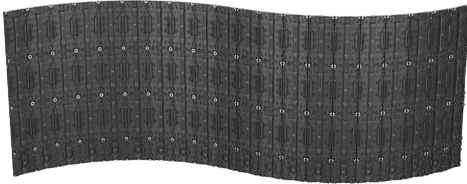
◀ Installation and Maintenance

- Magnetic automatic connection design, making the installation safer
- Auto-lock system for fast and easy one-man installation
- Auto-eject system enables convenient disconnection of panels
- Equipped with safety ropes to prevent the modules from accidentally falling
- Supports front and rear maintenance of modules and power box without tools



◀ Curved Connection and Creative Cube

- Supports curve connection from -7.5° convex to +10° concave (2.5° per unit)
- The 500(W)x500(H)mm edge-cutting version panels were developed to build cube-shaped displays



◀ Product Specification

Parameters	PL2.5 Pro V2	PL2.9 Pro V2	PL3.9 Pro V2	PL4.8 Pro V2	PL1.9 Plus V2	PL2.5 Plus V2	PL2.9 Plus V2	PL3.9 Plus V2	PL2.9W Plus V2	PL3.9B Plus V2	PL3.9W Plus V2	PL4.8W Plus V2
Control system	Brompton/ NovaStar	NovaStar										
LED type	BlackSMD1515	BlackSMD 1515	Black SMD1921		BlackSMD1212	Black SMD1515		SMD2121	SMD1515	BlackSMD1921	SMD1921	
Pixel pitch (mm)	2.5	2.97	3.9	4.8	1.95	2.5	2.97	3.9	2.97	3.9	3.9	4.8
Panel dimensions (WxHxD, mm)	500x500x78 (19.69x19.69x3.07")	500x500x78 (19.69x19.69x3.07") 500x1000x78 (19.69x39.37x3.07")			500x500x78 (19.69x19.69x3.07")		500x500x78 (19.69x19.69x3.07") 500x1000x78 (19.69x39.37x3.07")					
Panel resolution	200x200	168x168 168x336	128x128 128x256	104x104 104x208	256x256	200x200	168x168 168x336	128x128 128x256	168x168 168x336	128x128 128x256	128x128 128x256	104x104 104x208
Panel weight (kg)	7.8 (17.20lbs)	8 (17.64lbs)/ 13 (28.66lbs)			7.8 (17.20lbs)		7.8 (17.20lbs)/ 12.5 (27.56lbs)		8 (17.64lbs)/ 13 (28.66lbs)			
Panel material	Die casting aluminum											
Module size (WxH, mm)	250x250 (9.84x9.84")											
Brightness (nit)	1500	3000	4500	4500	1000	1200	1000	1000	4000	4500	4500	4500
Refresh rate (Hz)	7680	7680	7680	7680	7680	7680	7680	7680	7680	7680	7680	7680
Grayscale (bit)	15	15	16	16	16	15	15	16	15	16	16	16
Contrast ratio	8800:1	5000:1	7200:1	7200:1	5500:1	7000:1	7000:1	7400:1	4000:1	6000:1	4500:1	4500:1
Color temperature (K)	6500											
Viewing angle (H/V, °)	160/140	160/160	140/120	120/110	160/140	140/140	140/140	140/140	140/120	140/140	140/120	140/120
Drive mode	1/20	1/14	1/8	1/7	1/16	1/20	1/21	1/16	1/14	1/8	1/8	1/7
AC operating voltage(V)	100~240											
Power consumption (max/avg, W/m²)	680/230	610/204	800/267	800/267	700/235	640/215	560/187	560/187	720/240	690/230	600/200	600/200
IP rating	IP40/IP21	IP65/IP54	IP65/IP54	IP65/IP54	IP40/IP21	IP40/IP21	IP40/IP21	IP40/IP21	IP65/IP54	IP65/IP54	IP65/IP54	IP65/IP54
Certification	FCC, ETL, CE, RoHS											