

PRO E D Outdoor SMD Series

	PRO E-026 D	PRO E-029 D	PRO E-031 D	PRO E-039 D	PRO E-048 D
Display					
Pixel Configuration	3-in-1 SMD	3-in-1 SMD	3-in-1 SMD	3-in-1 SMD	3-in-1 SMD
LED type	SMD (1415)	SMD (1415)	SMD (1415)	SMD (1921)	SMD (1921)
Aspect Ratio	1:1	1:1	1:1	1:1	1:1
Pixel Pitch [mm]	2.604	2.976	3.125	3.906	4.808
Brightness (max.) [cd/m²]	5500	5000	5000	5000	5000
Lifetime	100000 hrs (50% brightness)	100000 hrs (50% brightness)	100000 hrs (50% brightness)	100000 hrs (50% brightness)	100000 hrs (50% brightness)
Contrast Ratio (typ.)	5000:1	5000:1	5000:1	5000:1	5000:1
Viewing Angle [°]	140 horizontal / 140 vertical	140 horizontal / 140 vertical	140 horizontal / 140 vertical	140 horizontal / 140 vertical	140 horizontal / 140 vertical
Dimming Capability	256 levels	256 levels	256 levels	256 levels	256 levels
Colour Processing	16 bit	16 bit	16 bit	16 bit	16 bit
Colours	281 trillion	281 trillion	281 trillion	281 trillion	281 trillion
LED Driving Method	1/30 dynamic scan	1/27 dynamic scan	1/30 dynamic scan	1/27 dynamic scan	1/27 dynamic scan
Frame Rate	60Hz / 3D : 120Hz	60Hz / 3D : 120Hz	60Hz / 3D : 120Hz	60Hz / 3D : 120Hz	60Hz / 3D : 120Hz
Refresh Rate [Hz]	≤3840	≤3840	≤3840	≤3840	≤3840
Colour Temperature [K]	2500K ~ 10000	2500K ~ 10000	2500K ~ 10000	2500K ~ 10000	2500K ~ 10000
Screen Resolution					
Cabinet Resolution	192 x 192	168 x 168	160 x 160	128 x 128	104 x 104
Resolution per m²	147456	112896	102400	65536	43264
Module Resolution	86 x 192	84 x 168	80 x 160	64 x 128	52 x 104
Number of Pixel per module [dot]	16512	14448	12800	8192	5408
Connectivity					
Input Video Digital	1 x HDMI 2.0; 1 x DP 1.2; 1 x DVI-D	1 x HDMI 2.0; 1 x DP 1.2; 1 x DVI-D	1 x HDMI 2.0; 1 x DP 1.2; 1 x DVI-D	1 x HDMI 2.0; 1 x DP 1.2; 1 x DVI-D	1 x HDMI 2.0; 1 x DP 1.2; 1 x DVI-D
Input Control	1 x GenLock; 1 x LAN; 1 x USB IN; 1 x USB OUT (Cascading)	1 x GenLock; 1 x LAN; 1 x USB IN; 1 x USB OUT (Cascading)	1 x GenLock; 1 x LAN; 1 x USB IN; 1 x USB OUT (Cascading)	1 x GenLock; 1 x LAN; 1 x USB IN; 1 x USB OUT (Cascading)	1 x GenLock; 1 x LAN; 1 x USB IN; 1 x USB OUT (Cascading)
Electrical					
Total Power Consumption [W]	50 typ. / 162 max.	50 typ. / 162 max.	50 typ. / 162 max.	50 typ. / 162 max.	50 typ. / 162 max.
Power Consumption typ. [W]	200 per m² (normal use)	200 per m² (normal use)	200 per m² (normal use)	200 per m² (normal use)	200 per m² (normal use)
Power Consumption max. [W]	650 per m²	650 per m²	650 per m²	650 per m²	650 per m²
Environmental Conditions					
Operating Temperature [°C]	-0 to 40	-0 to 40	-0 to 40	-0 to 40	-0 to 40
Operating Humidity [%]	10 to 80	10 to 80	10 to 80	10 to 80	10 to 80
Mechanical					
Dimensions (W x H x D) [mm]	500 x 500 x 82	500 x 500 x 82	500 x 500 x 82	500 x 500 x 82	500 x 500 x 82
Dimensions (W x H x D) [mm] per module	250 x 500 x 8	250 x 500 x 8	250 x 500 x 8	250 x 500 x 8	250 x 500 x 8
Weight [kg]	7.8	7.8	7.8	7.8	7.8
Additional Features					
Serviceability	Front & Rear Service	Front & Rear Service	Front & Rear Service	Front & Rear Service	Front & Rear Service
Surface protection	N/A	N/A	N/A	N/A	N/A
IP Level	IP65	IP65	IP65	IP65	IP65
Certifications	CCC; CE; FCC Class A, RCM	CCC; CE; FCC Class A, RCM	CCC; CE; FCC Class A, RCM	CCC; CE; FCC Class A, RCM	CCC; CE; FCC Class A, RCM
Warranty (Standard)	3 years	3 years	3 years	3 years	3 years

