

		INDOOR			OUTDOOR						
Product Parameters		Unit	4	5	3	4	5	6	6,6	8	10
Pixel Pitch	mm	4,00	5,00	3	4	5	6,00	6,67	8	10	
LED		SMD2020 3in1 (Black Face)	SMD2020 3in1 (Black Face)	SMD1921 (Black Face)			SMD2727 3in1 (Black Face)			SMD3535 3in1 (Black Face)	
Application		Affordable and customizable integration									
Ingress Protection	IP	IP41			IP65 (front) / IP54 (rear)						
Brightness	cd/sqm	≤ 2000 Nits @5volts				≤ 6000 Nits @5volts					
Color Temperature after calib (adjustable)	deg. K	6500				6500					
Viewing Angle (50% brightness)	deg.	140(+/-70) H / 140 V				140(+/-70) H / 140 V					
Cabinet Size (WxHxD)	mm	768 x 768 x 198	960 x 960 x 198	576 x 576 x 198	960 x 960 x 198 / 1024 x 768	960 x 960 x 198					
Display area (WxH)	mm	768 x 768	960 x 960	576 x 576	960 x 960 / 1024 x 768	960 x 960					
Module Size (WxHxD)	mm	256 x 128	320 x 160	192 x 192	320 x 160 / 256 x 128	320 x 160 / 160 x 160	192 x 192	320 x 320 x 25	320 x 320 x 25	320 x 160 / 160 x 160	
Pixel Matrix Per Cabinet (WxH)	px	192 x 192	192 x 192	192 x 192	240 x 240 / 256 x 192	192 x 192	160 x 160	144 x 144	120 x 120	96 x 96	
Pixel Matrix Per Module (WxH)	px	64 x 32	64 x 32	64 x 64	80 x 40 / 64 x 32	64 x 32 / 32 x 32	32 x 32	48 x 48	40 x 40	32 x 16 / 16 x 16	
Pixel Density	px/sqm	62500	40000	111111	62500	40000	27778	22500	15625	10000	
Weight	kg/sqm	50			45					40	
Cabinet Material		Steel + CNC			Steel + CNC	Steel with reinforcements					
Maintenance Mode		Front and back (tools required for front)			Back only (front optional)						
Mask specification		95% Plastic + 5% Fiber / SS Screws / Shaders			95% Plastic + 5% Fiber / SS Screws / Shaders						
Contrast Ratio		High			High						
Grey scale (linear)	bit	16			16						
Brightness control	bit	16			16						
Processing depth	bit	16			16						
Color		281 Trillions			281 Trillions						
Display Refresh Rate	Hz	3840			3840						
Operation Power	V	AC85-230V			AC85-230V						
Max. Power Consumption	W/sqm	600			900						
Average Power Consumption	W/sqm	200			300						
Control Mode		Synchronization			Synchronization						
Video Frame Rate	Hz	50/60Hz			50/60Hz						
Input Types Supported		DVI / SDI / HDMI			DVI / SDI / HDMI						
3D ready (optional)		Yes			Yes						
Calibration		Yes			Yes						
Lifetime (50% brightness)	h	50000			50000						
Operating Humidity Range		10-95%			10-95%						
Operating Temperature Range		-10°C / +50°C			-20°C / +60°C						
Screen Uniformity Correction											
Certification		CE / ETL / CCC			CE / ETL / CCC						
Available options		Aluminum, Neutrik connectors, customizable size, curved, open frame			Aluminum, Neutrik connectors, customizable size, curved						
Compatibility		No			No						