

ACTIVE LED DISPLAY

LED Display Screen is engineered to deliver vibrant clarity, dynamic visuals, and unmatched brightness — powered by high-resolution, energy-efficient technology that transforms every environment into a captivating communication hub.



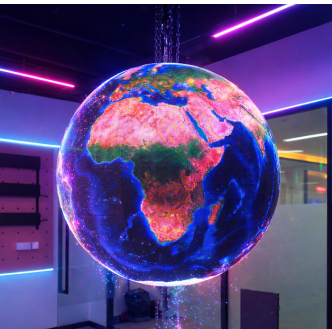
SPECIFICATIONS

INDOOR LED

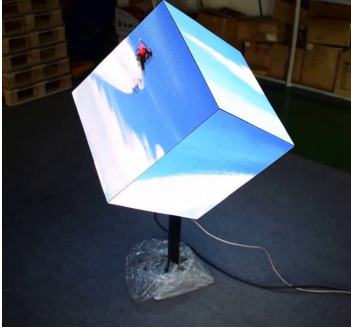
OUTDOOR LED

Module Configuration	P 1.2	P 1.5	P 1.8	P 2	P 2.5	P 3	P 4	P2.5	P3	P4	P6	P8	P10
Pixel Configuration	SMD							SMD					
Pitch (mm)	1.2	1.5	1.8	2	2.5	3	4	2.5	3	4	6	8	10
Minimum Viewing Distance (M)	1.2	1.5	1.8	2	2.5	3	4	2.5	3	4	6	8	10
Module Resolution (W*H)	256 x 114	208 x 104	174 x 87	160 x 80	128 x 64	64 x 64	64 x 32	128 x 64	107 x 53	80 x 40	32 x 32	40 x 20	32 x 16
Module Size (mm)(W*H)	320 x 160	320 x 160	320 x 160	320 x 160	320 x 160	192 x 192	256 x 128	320 x 160	320 x 160	320 x 160	192 x 192	320 x 160	320 x 160
Module Weight(Kg) (± 0.02 kg)	0.5	0.46	0.46	0.46	0.46	0.25	0.46	0.48	0.48	0.49	0.35	0.48	0.46
Minimum Pixel Density (Per sqm)	640000	422500	295000	250000	160000	111111	62500	160000	111000	62500	27778	15625	10000
Brightness (nits)	600-800 / 800-1000							5500-6000					
Color Temperature(K)	6500K (1000K - 9500K Adjustable)							6500K (1000K - 9500K Adjustable)					
Horizontal/Vertical Vewing Angle(°)	160/160							160/160					
IP Rating	IP50							IP65					
Module Configuration	P 1.2	P 1.5	P 1.8	P 2	P 2.5	P 3	P 4	P2.5	P3	P4	P6	P8	P10
Deviation Of LED Luminance Center (after calibration)	≤3%							≤3%					
Brightness Uniformity	≥97%							≥97%					
Contrast Ratio	9000:1	3000-6000:1						3000-6000:1					
Max Power Consumption (W/m²)	500							900					
Average Power Consumption(W/m²)	162	163				180	130	285		298	265	293	
Module Configuration	P 1.2	P 1.5	P 1.8	P 2	P 2.5	P 3	P 4	P2.5	P3	P4	P6	P8	P10
Power Supply	AC200V-220V	AC90~132V/AC186~264V						AC90~132V/AC186~264V					
Frame Rate (Hz)	≥60 Hz							≥60 Hz					
Refresh Rate (Hz)	3840							3840					
Drive Mode	64 Scan	52 Scan	58 Scan	40 Scan	32 Scan	32 Scan	20 Scan	16 Scan	13 Scan	10 Scan	8 Scan	5 Scan	2 Scan
Processing Depth	14 Bit	12 ~ 16 Bit						12 ~ 16 Bit					
Lifetime(hrs)	100000							100000					
Module Configuration	P 1.2	P 1.5	P 1.8	P 2	P 2.5	P 3	P 4	P2.5	P3	P4	P6	P8	P10
Operation Temperature(°C)	-20 to -50							-20 to -50					
Storage Temperature(°C)	-10 to -50							-10 to -30					
Operation Humidity(RH)	10%-65% no condensation							10%-65% no condensation					
Storage Humidity (RH)	10%-60% no condensation							10%-60% no condensation					

SHAPE CUSTOMISATION



SPHERE



CUBE



CYLINDRICAL



INDOOR



OUTDOOR