

	Spherical LED Display Specification				
	1m Diameter P2mm	1.5m Diameter P2mm	2m Diameter P2mm	2.5m Diameter P2mm	3m Diameter P2mm
<b>LED Sphere specification</b>					
Model	1m P2	1.5m P2	2m P2	2.5m P2	3m P2
Pixel Pitch	2mm ±10%	2mm ±10%	2mm ±10%	2mm ±10%	2mm ±10%
LED Encapsulation	SMD1212	SMD1515	SMD1515	SMD1515	SMD1515
Diameter	1000mm	1500mm	2000mm	2500mm	3000mm
Display Area	3.14 sqm	7.07 sqm	12.57 sqm	19.63 sqm	28.27 sqm
Resolution	20,662 Dots/Sqm	20,662 Dots/Sqm	20,662 Dots/Sqm	20,662 Dots/Sqm	20,662 Dots/Sqm
Sphere Resolution Format	1,536*750	2064*991	2688*1297	3412*1700	4096*1951
Module Gap	≤0.3mm	≤0.3mm	≤0.3mm	≤0.3mm	≤0.3mm
Controller Model	MB4	MB6	MTB2000	B2000	B2000
Module Fixed Mode	Magnetic	Magnetic	Magnetic	Magnetic	Magnetic
Customized Module Type Qty	5	7	9	11	13
Module Surface Treatment	GOB	GOB	GOB	GOB	GOB
Weight	Around 120 Kgs/Set	Around 270 Kgs/Set	Around 480 Kgs/Set	Around 700 Kgs/Set	Around 1,000 Kgs/Set
Package	1 pcs in 1 case	1 pcs in 1 case	1 pcs in 1 case	Separate packing, 1pcs in 6 cases	Separate packing, 1pcs in 8 cases
Scanning Mode	1/45	1/40	1/32	1/40	1/40
Brightness				≥600nits	
Refresh Frequency				≥3840Hz	
Color Scale				14bit	
Colour Temperature				5500K~9300K	
Contrast Ratio				3000:1	
Ave.Power Consumption				<240W/Sqm	
Max.PowerConsumption				<800W/Sqm	
Optimum Sight Distance				2m~50m	
Viewing Angle				(H)160°/(V)160°	
Operating Voltage				AC100V~240V	
Operating Frequency				50~60Hz	
Power Output				5V 40A	
Operating/Storage Temperature				0°C~+40°C/-20°C~+60°C	
Operating/Storage Humidity				35%-85%/10%-90%	
Installation Mode				Hanging/Standing	
Maintenance Mode				Front Service	
Working Environment				Indoor	
Ingress Protection				IP43(Front)/IP43(Back)	
Control System				Moocell (Suggested) / Novastar (Optional)	
Control Mode				1) Synchronous display with control PC by DVI 2)Asynchronous	
Support Input				VGA, DVI, HDMI, HD_SDI, etc.	
LED Life Span				> 100,000 Hours	