

Parameter group	Parameter	Value	Unit	Notes
Product information	Product name	Telescopic Matrix LED Screen		
Product information	Product category	Custom System		
Document information	Parameter version	V1.0		
Document information	Updated	2026-07-10		ISO date
Display & Build	Pixel Pitch Options	P1.56 - P10.4 (8 options)		
Display & Build	Cabinet Material	Die-cast aluminium / steel		
Display & Build	Max Travel	300mm indoor · 600mm outdoor		
Display & Build	Anti-Pinch	Motor cut-off 3kg / 6-12kg		
Display & Build	Power per m²	720 - 1,350 W		
Display & Build	Certifications	CE · FCC · RoHS		
Motion & Control	Motion Bus	CAN-bus · up to 65,536 units		
Motion & Control	LED Control	Colorlight / Novastar		
Motion & Control	Motion Profile	Soft-ramp · position memory		
Motion & Control	External Control	DMX512 · ArtNet · sACN · TCP/UDP		
Motion & Control	Drive System	Servo · CNC frame · linear rails		
Motion & Control	Shipping	FOB Shenzhen · flight cases		

Specification	SS03-128	SS03-160	SS03-250	SS03-320	SS03-500
Module Size	128×128mm	160×160mm	248.5×248.5mm	320×320mm	495×495mm
Pixel Pitch	P1.78	P1.98	P1.56-3.91	P2.5	P10.4
Max Travel	300mm	200mm	200mm	400mm	600mm
Full Travel Time	0.5s	0.4s (fastest)	0.5s	1.0s	1.5s
Units / m²	61	39	16	9.6	4
Maintenance	Front	Front	Rear	Rear	Rear
Environment	Indoor precision	Indoor touring	Indoor large	Outdoor	Outdoor landmark