

Parameter group	Parameter	Value	Unit	Notes
Product information	Product name	Interactive Rail Sliding Screen		
Product information	Product category	Custom System		
Document information	Parameter version	V1.0		
Document information	Updated	2026-07-10		ISO date
Track & Drive	Track Types	Straight / arc / custom path		
Track & Drive	Seam at Close	0 mm (line-cut edges)		
Track & Drive	Control Accuracy	±0.1mm zero cumulative error		
Track & Drive	Noise Level	45 dB at 1m		
Track & Drive	Drive System	Linear rail + SBR + servo + reducer		
Track & Drive	Structure	Q235 steel · C4 linear rails		
Control & Safety	Control Methods	Button · remote · tablet · TCP/UDP		
Control & Safety	External Control	TCP/UDP open protocol · any BMS		
Control & Safety	Safety	4-layer: software · electrical · mechanical · force-torque		
Control & Safety	Screen Compatibility	LED · LCD · OLED · smart TV		
Control & Safety	Certifications	CE · FCC · RoHS		
Control & Safety	Shipping	FOB Shenzhen · custom crating		

Configuration	□ Horizontal	□ Vertical	□ Matrix	□ Rotating
Motion	Open / close like doors	Vertical up & down	Cross-pattern multi-axis	360° rotate + translate
Track Path	Straight / arc / custom	Straight linear	Multi-row × column	Straight + rotation
Std Config	Single track	Independent columns	3 × 3 grid (cross-form)	Wall or floor
Best For	Exhibition walls · windows	Wave choreography	Flagship · museums	Zero-gap merge