



# Rolling screen Specification

FRS	Surface:GOB technology, IP54		Back Side:IP43
	1.25	1.56	1.953
FRSL	Surface:Mark technology,IP43		Back Side:IP43
	2.6	3.9	
FRSL	Surface:Mark technology,IP65		Back Side:IP65
	2.6	3.9	

## Product Features:

High protection performance: waterproof, sunproof, dustproof, moisture-resistant, and impact-resistant, adaptable to various environments

Precision mechanical roller design for smooth lifting and stable operation

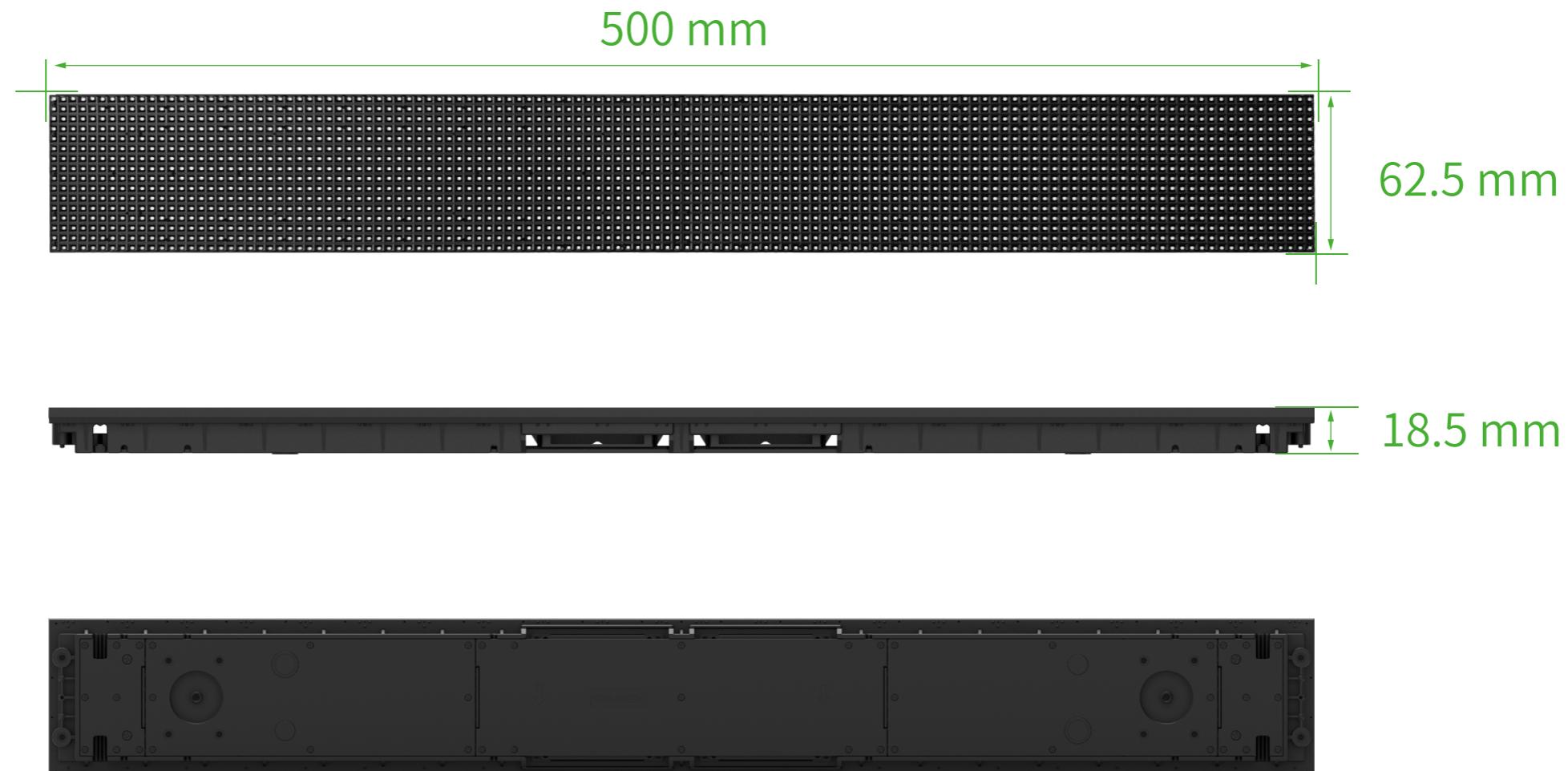
One-touch lift control for simple and efficient operation

Delicate and clear display with true-to-life color reproduction

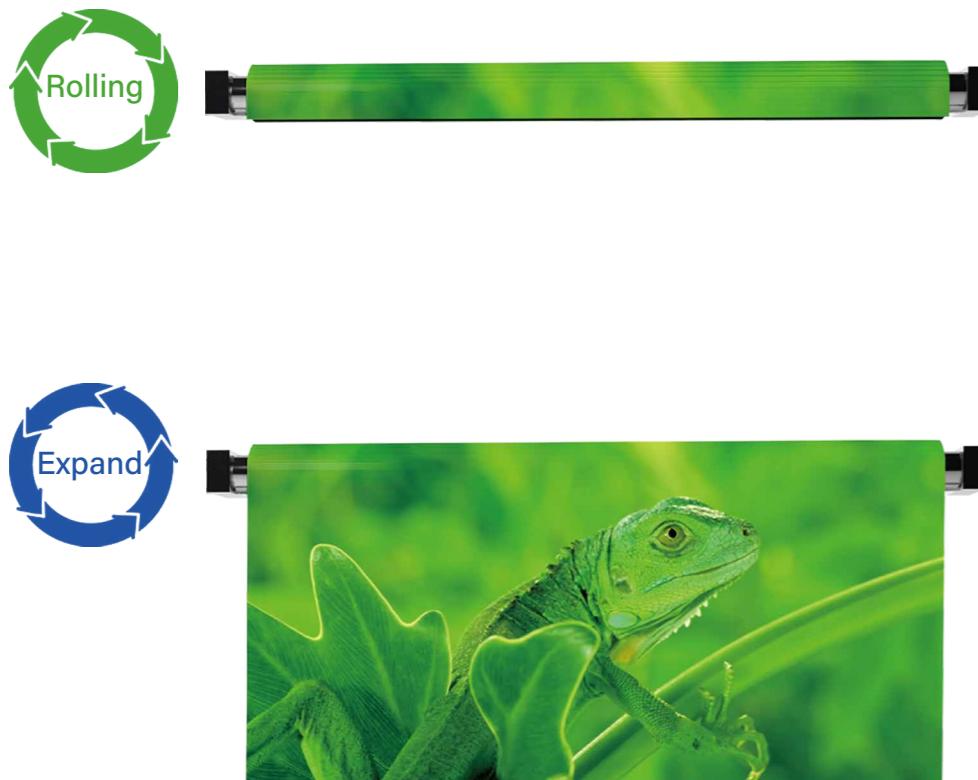
Ultra-wide viewing angle ensures clear visibility from any direction

## Application Scenarios:

Stage rental, live performances, concerts, mall displays, multifunction halls, conference rooms, churches, libraries, banks, and various other venues.



Module Size Pictures



Rolling screen																	
Product Model									FRL (Indoor)		FRSL (Outdoor)						
Pixel Pitch (mm)	1.25	1.56	1.953	2.6	3.9	2.6	3.9		2.6	3.9	2.6	3.9					
LED Lamp	SMD 1010	SMD 1010	SMD 1010	SMD 1515	SMD 2020	SMD 1010	SMD 1515		SMD 1212	SMD 1415	SMD 1415						
Module Resolution (pixels)	400*50	320*40	256*32	192*24	128*16	192*24	128*16		192*24	128*16	128*16						
Connection Method	Connectors	50Pin Connector							CS80 Waterproof Connector								
Pixel Density (pixel/m²)	640000	409600	262144	147456	65536	147456	65536		147456	65536	65536						
Scanning Method	1/50	1/40	1/64	1/48	1/32	1/48	1/32		1/48	1/16	1/32						
Max Brightness (nits)	600	600	600	800	800	1000	1000		6000	6000	2000						
Max Power Consumption (w/m²)	290	290	290	340	300	375	320		680	760	260						
Refresh Rate (Hz)	3840																
Optimal Viewing Distance (m)	≥1	≥1.5	≥2	≥2.6	≥3.9	≥2.6	≥3.9		≥3.9	≥3.9	≥3.9						
Module Size (mm)	500 * 62.5																
Thickness (mm)	15								16	18.5							
Weight (kg/m²)	15								13	18							
Protection Level	Surface: GOB technology,, IP54 Back Side: IP43							Surface: Mark technology,IP43 Back Side: IP43	Surface: Mark technology,IP65 Back Side: IP65								
Viewing Angle (H/V)	160° / 160°							Horizontal 120°	Horizontal 120°								
Working Humidity (RH)	0% ~ 60%										0% ~ 90%						
Grayscale Levels (bit)	16																
Working Voltage (V)	DC48V																
Input Voltage (V)	AC100 ~ AC240																
Brightness Adjustment (Digital PWM)	256																
Contrast Ratio	2500:1																
Short Circuit Protection	✓																
Quick Maintenance	✓																
Control Mode	Synchronous / Asynchronous																
Installation Method	Hanging / Rolling / Floor Tile																
Storage Temperature (C°)	-20 ~ 60																
Working Temperature (C°)	-20 ~ 45																
Product Certification	CE RoHS Δ FCC CCC IMA AEC ESD																

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Mini Program



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