

MOTORIZED LED SCREEN

INNOVATION IN MOTION.
EXCELLENCE ON DISPLAY.

Combining innovative motorised technology with high-definition LED performance, the MEKI Motorised LED Screen is designed to transform modern presentation spaces. At the touch of a button, the display moves smoothly into position, delivering a premium visual experience while simplifying maintenance and enhancing the overall aesthetics of your installation.

MEKI



KEY FEATURES



SMOOTH MOTORISED LIFT SYSTEM

Integrated motorised mechanism enables effortless vertical movement for convenient operation and maintenance.



PREMIUM VISUAL PERFORMANCE

High-resolution LED technology delivers vivid colours, sharp images and exceptional clarity for presentations, videos and digital content.



EASY MAINTENANCE

The movable design allows technicians to access the display quickly, reducing maintenance time and minimising operational disruption.



SPACE-EFFICIENT DESIGN

Ideal for installations where a clean, modern appearance is essential while maximising available space.



RELIABLE COMMERCIAL PERFORMANCE

Built with quality components to ensure dependable operation for professional environments.

PERFECT FOR A WIDE RANGE OF COMMERCIAL ENVIRONMENTS



Corporate Boardrooms



Conference & Training Rooms



Auditoriums



Educational Institutions



Government Facilities



Command & Control Centres



Hotels & Convention Centres



Houses of Worship



Premium Retail & Experience Centres



VISIT OUR WEBSITE FOR MORE INFO:
www.meki-int.com



WHY CHOOSE A MEKI MOTORISED LED SCREEN?

Traditional LED displays are permanently fixed, making maintenance and servicing both time-consuming and costly. The MEKI Motorised LED Screen features an integrated lifting mechanism that allows the entire display to be raised or lowered safely, providing easy access for installation, inspection and maintenance while maintaining a clean, professional appearance. Designed for environments where both performance and aesthetics matter, it offers a practical solution without compromising on visual quality.

MEKI MEKI MOTORIZED LED SCREEN

LED LAMP SPECIFICATION		
LED Type	Model	
SMD1010	Kinglight Copper Wire	
MODULE SPECIFICATIONS		
Pixel Pitch	1.953mm	
Module Dimension (mm)	500	62.5
Module Resolution (pixel)	256	32
Pixel Per Module	8192	
ROLL-UP SCREEN UNIT SPECIFICATIONS		
Single Roll Dimension	Width (mm)	Height (mm)
	1000	1500
Single Roll Resolution (pixel)	512	768
Module Per Roll (pcs)	2	24
Total Module Per Roll (pcs)	48	
Pixel Density	262,178 pixels/m²	
DISPLAY SCREEN SPECIFICATIONS		
Screen Dimension	Width (m)	Height (m)
	2.500	1.500
Display Area	3.75 m2	
Cabinet Arrangement (pcs)	3	1
Total Cabinet (pcs)	3	
Screen Resolution	1280	768
Brightness	>500CD/m²	
Scan Model	1/32 scan	
Viewing Angle	Horizontal 140° Vertical 120°	
Minimum Viewing Distance	≥1.9 m	
Grayscale Level	8192×8192×8192	
Colour Capacity	549 Billion Colours	
Refresh Rate	≥3840HZ	
Input Voltage	AC220V/60Hz or AC110V/60Hz	
MTBF	>10,000 Hours	
Service Life	≥100,000 Hours	
Protection Rating	IP41	
Operating Temperature	- 10°C~50°C	
Operating Humidity	10%~90%	

WEIGHT BREAKDOWN				
Item	Length (m)	Height (m)	Weight kg/m ²	Total Weight (Kgs)
LED Screen	2.5	1.5	20	75
Roller Drum	2.5	-	8	20
Dummy Module (Standard)	2.5	0.75	15	28.125
Dummy Module (Operational)	If the screen is concealed within a ceiling cavity, a dummy module may be required to cover the non-display area.			
Counterweight Bar	2.5	-	3.5	8.75
Motor	-			15
Diameter	-			-
Left & Right Mounting Brackets	Custom-made according to site conditions; actual weight may vary.			45
Cabling & Control Component	PLC			30
Total Estimated Weight	221.875			
Remarks	Power Supply Weight is 5 kg per unit. The power supply may be installed within the ceiling space or together with the control computer, depending on site conditions			