KINGLY LED



MAT

181" Series

LED Rolling Screen

Break through the spatial limitations of traditional large screens and replace conventional projectors. it is an innovative
indoor display solution integrating high-definition image quality, slim structure and concealed storage

Product Features

- **Modular Design**
  Light & Slim Body, space-saving storage
- **Motorized Retraction**
  One-touch lift & drop, easy operation
- **Flexible Installation** | Wall / Ceiling available
- **HD Display** | Vivid colors, clear images
- **Low-voltage DC** | 48V input, stable & safe
- **Custom Size** | Meet Personalized Demands
- **Ultra Light & Slim**
  Light weight, low load requirement
- **GOB Coating**
  Scratch & wear resistant, ultra-wide viewing angle



Application Scenarios

Exhibition rooms, stage rental, public projects, broadcast studios, commercial projects, stadiums, shopping malls, video conferencing, training classrooms, Reception Areas,, Corporate Showrooms, commercial pavilions, retail shop windows, commercial spaces, banquet halls, bars, immersive cultural & tourism projects

Product Accessories

Flexibly configured according to installation methods


Flight Case


Screen


Roller Shaft


Motor


Bracket & Clamp


Sending Box


Power Supply Box


Receiving Card

Application Cases

Intuitive display of real-world project deployment effects

The LED Rolling Display redefines the large-screen experience, combining a precision rolling mechanism with high-definition imaging. The screen rolls up like paper, delivering vivid colors, outstanding contrast, and breathtaking image quality. Its ultra-slim motorized body supports wall-mount, ceiling, and floor-standing installation, suitable for all kinds of scenarios.





Model	MAT 181"	
Pixel Pitch	1.25	1.56
Pixel Density(dot/m²)	640000	409600
Active Display Area(WxH)	4000*2250mm	4000*2250mm
Diagonal Size	181“	181“
Resolution(pixels)	3200*1800	2560*1440
Refresh Rate	3840Hz	3840Hz
Scanning Method	1/50	1/40
Brightness	400-600cd（Optional）	400-600cd（Optional）
Viewing Angle	140°/140°	140°/140°
Color Temperature	5500-8000K	5500-8000K
Gray Scale	14-16bit	14-16bit
Operating Voltage	AC100-260v,DC48v	AC100-260v,DC48v
Max Power Consumption（W/²）	510w	510w
Avg Power Consumption（W/²）	170w	170w
Total Max Power Consumption of Screen（W）	4590w	4590w
Total Avg Power Consumption of Screen（W）	1530w	1530w
Operating Temperature	-10℃~+40℃	-10℃~+40℃
Operating Humidity	10%-60%RH	10%-60%RH
IP Rating Front / Rear	IP54/IP21	IP54/IP21
Motor Type	Built-in Motor	Built-in Motor
Motor Input Voltage	420w	420w
Motor Rated Torque	220v	220v
Motor Rated Torque	400kg.f	400kg.f
Motor Control Method	Remote control, Up, Down, Stop	Remote control, Up, Down, Stop
Total screen Weight	350kg	350kg
Flycase Package Size	4450*760*700mm	4450*760*700mm
Flycase Weight	210kg	210kg
Maintenance	Rear Maintenance	Rear Maintenance
Installation Methods	Wall / Ceiling mounting	Wall / Ceiling mounting
Application Environment	Indoor	Indoor
LED Lifespan	≥100000 h	≥100000 h
Warranty	2 years	2 years

Parameters subject to update. Refer to actual product & technical documents.

0755-27084723 sales@kinglyled.com www.kinglyled.com
Building D2, Dawei Shahe Industrial Zone, No.830 Zhoujia Avenue, Xinzhuang Community,
Matian Subdistrict, Guangming District, Shenzhen City, China 518108