Manuals+ — User Manuals Simplified.

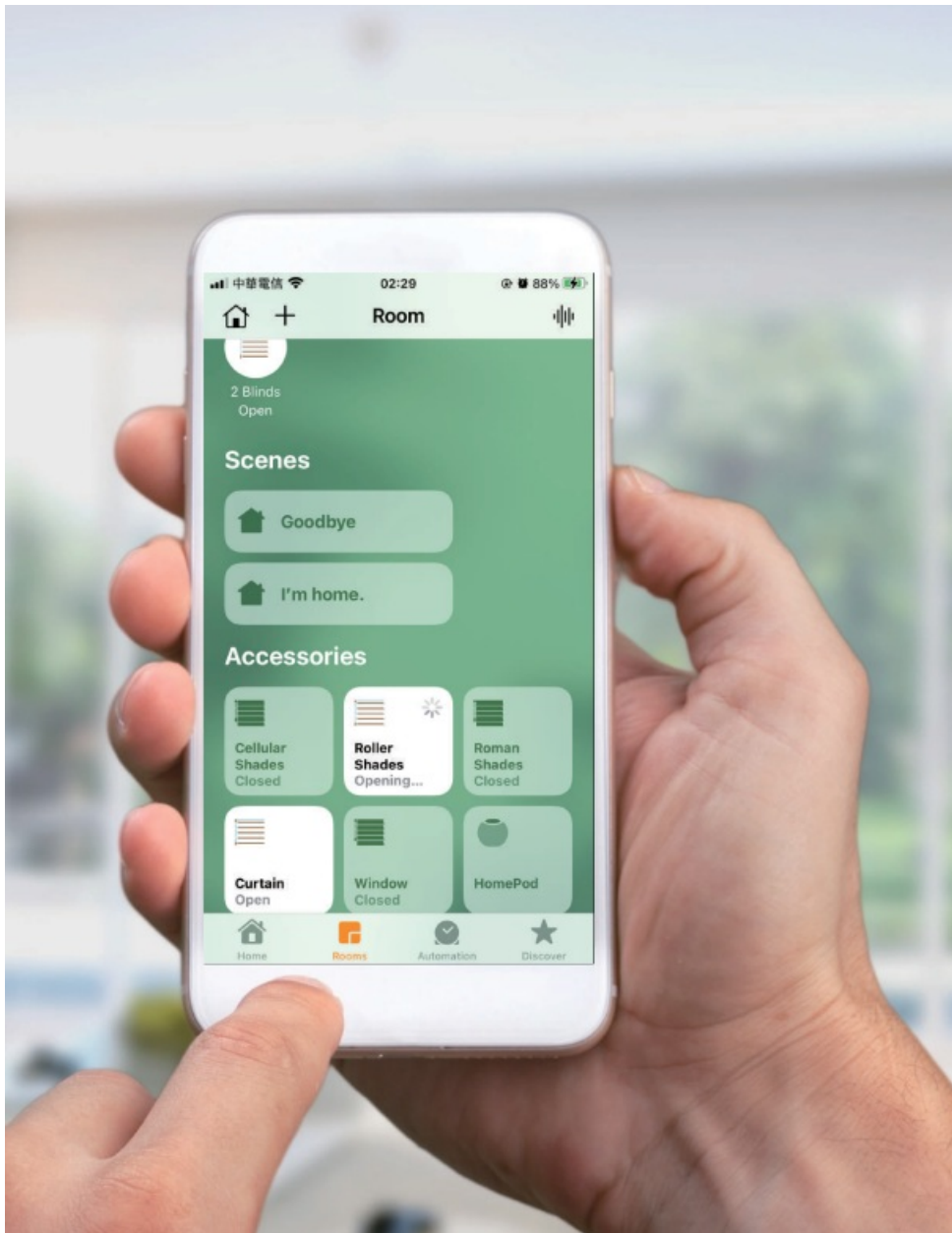# fulllink 20240110 Smart Door Control Project Development User Manual

Contents

fulllink 20240110 Smart Door Control Project Development

Specifications

- **Product Type:** Smart Home
- **Supported Functions:** Smart Curtain Control, Smart Door Control
- **Control Modules:** Apple HomeKit, Google Home
- **Compatible Devices:** iPhones, iPads, Android devices

Product Information

About Us

Our company is well-known for continually developing high-tech products to meet market demands, with practical applications in over 200 cross-domain occasions, such as hotels, restaurants, offices, showrooms, and more. Notable flagship clients, including TSMC, Taoyuan International Airport, the Burj Al Arab six-star Dubai yacht hotel, BMW flagship showrooms, and the Q Burger headquarters, a renowned Taiwanese breakfast chain store, are among those who have benefited from our solutions.

Since 2018, Fulllink Smart Technology has initiated plans for digital transformation to expand into the global

market, leading to the establishment of a brand marketing team. From the ground up, we have gradually developed a comprehensive digital marketing management system. As a result of these efforts, we have experienced sustained and stable growth in overseas markets, achieving successful sales in over 30 countries worldwide.

Smart Curtain Control Modules
Regular motorized curtains rely on remote controls. Fulllink Smart Curtains offer two major platform modules, Apple HomeKit and Google Home modules. These modules can be used with the Flink percentage-type curtain motors, providing a comfortable and convenient lifestyle!

Percentage Control Curtain Motors
The Flink R&D team uses programming to precisely divide the curtain's movement into one hundred segments. No longer confined to fully open or closed, you can set the position from 0% to 100% and effortlessly adjust the curtain to your desired position!

Smart Control, Precise Positioning
Curtains can be controlled by smartphones, tablets, or voice commands. Just a call to Siri or Google Assistant, you can easily control the curtains. The screen shows the exact position percentage of each curtain in real time, making it easy to track without getting overwhelmed by multiple curtains.

Apple HomeKit & Google Home
Fulllink's certified smart curtain module seamlessly integrates with Apple HomeKit and Google Home systems. It can be set up with other compatible smart home products for One-Touch Scenes and Scheduled Automation.

Smart Door Control Module
Regular door controls rely on remote controls. Fulllink offers Google Home smart control modules, seamlessly integrating with Fulllink door control products for easy indoor and outdoor access.

Smart Door Control
Easily control garage and community gates with your phone, tablet, or voice commands. A simple call to your Google Assistant allows effortless control, and drivers in their cars can remotely open the door with Android Auto.

Product Usage Instructions

Smart Curtain Control
To control the smart curtains using your smartphone or tablet:

1. Download and install the Link app from the App Store or Google Play Store.
2. Ensure your smart curtain control module is properly connected to your Wi-Fi network.
3. Open the Flink app and register/log in to your account.
4. Add the smart curtain control module to your account by following the on-screen instructions.
5. Once added, you can now control your curtains using the app. Use the app's interface to adjust the curtain position by percentage or fully open/close.
6. You can also use voice commands by enabling the Fulllink skill in your preferred voice assistant (Siri or Google Assistant). Simply say the command to open, close, or set the curtains to a specific position.

Smart Door Control

To control the smart door using your smartphone, tablet, or voice commands:

1. Download and install the Link app from the App Store or Google Play Store.

2. Ensure your smart door control module is properly connected to your Wi-Fi network.

3. Open the Flink app and register/log in to your account.

4. Add the smart door control module to your account by following the on-screen instructions.

5. Once added, you can now control your door using the app. Use the app's interface to open or close the door.

6. If you prefer voice commands, make sure you have Google Assistant enabled on your device. Simply say the command to open or close the door using your voice.

About Us

- Fulllink Smart Technology, formerly known as Bintronic Enterprise, has been devoted to the research, development, production, sales, and servicing of smart-integrated products since our establishment in 1989. With the rapid expansion of the smart applications market in homes, offices, and various other spaces, the demand for our products, including smart curtains, smart door control systems, and smart home integration and planning, continues to rise, positioning Fulllink Smart Technology as a leading and trusted smart integrated brand in the market.

- Our company is well-known for continually developing high-tech products to meet market demands, with practical applications in over 200 cross-domain occasions, such as hotels, restaurants, offices, showrooms, and more. Notable flagship clients, including TSMC, Taoyuan International

- Airport, the "Burj Al Arab" six-star Dubai yacht hotel, BMW flagship showrooms, and the "Q Burger headquarters," a renowned Taiwanese breakfast chain store, are among those who have benefited from our solutions.

- We prioritize the enhancement of product quality and technological advancements at Fulllink Smart Technology. This commitment is reflected in our acquisition of the ISO 9001 international certification and the accumulation of 38 research and development patents in Europe and Asia.

- Moreover, our consistent success in winning eight consecutive Taiwan Excellence Awards over four years underscores our unwavering dedication to quality improvement. Fulllink Smart Technology continues to upgrade products and conduct innovative research and development, aiming to be recognized as the "most connected and integrated smart brand."

- Since 2018, Fulllink Smart Technology has initiated plans for digital transformation to expand into the global market, leading to the establishment of a brand marketing team. From the ground up, we have gradually developed a comprehensive digital marketing management system. As a result of these efforts, we have experienced sustained and stable growth in overseas markets, achieving successful sales in over 30 countries worldwide.

Service Items

- SMART HOME
- SMART WINDOW TREATMENTS
- PROJECT DEVELOPMENT

Smart Control Modules

Smart Curtain Control Modules

BT-HOMEKIT
Apple HomeKit Control Modules
(Percentage Type)

Works with iPhones and iPads.

BT-620A
Google Home Control Modules
(Percentage Type)

Works with Android and
iOS/iPadOS.

BT-621A
Google Home Control Modules
(Standard Type)

Works with Android and
iOS/iPadOS.

Fulllink Smart Curtain Control Modules

Regular motorized curtains rely on remote controls. Fulllink Smart Curtains offer two major platform modules, Apple HomeKit and Google Home modules. These modules can be used with the Flink percentage-type curtain motors, providing a comfortable and convenient lifestyle!

Percentage Control Curtain Motors

What is a percentage control curtain motor? The Flink R&D team uses programming to precisely divide the curtain's movement into one hundred segments. No longer confined to fully open or closed, set the position from 0% to 100%, you can effortlessly adjust the curtain to your desired position!

Smart Control, Precise Positioning

Curtains can be controlled by smartphones, tablets or voice. With just a call to Siri, or Google Assistant, you can easily control the curtains. The screen shows the exact position percentage of each curtain in real time, making it easy to track without getting overwhelmed by multiple curtains.
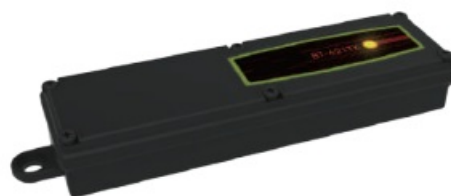
Apple HomeKit & Google Home

Fulllink's certified smart curtain module seamlessly integrates with Apple HomeKit and Google Home systems. Able to set up other compatible smart home products for "One-Touch Scenes" and "Scheduled Automation."

Smart Door Control Module

BT-621AD
Google Home
Smart Door Control Module

BT-621AD
Google Home
Smart Door Sensor Module

Fulllink Smart Door Control Module

Regular door controls rely on remote controls. Fulllink offers Google Home smart control modules, seamlessly integrating with Fulllink door control products for easy indoor and outdoor access.

Smart Door Control

- Easily control garage and community gates with your phone, tablet, or voice commands.
- A simple call to your Google Assistant allows effortless control, and drivers in their cars can remotely open the door with Android Auto.

Google Home

- Fulllink's smart door control module seamlessly integrates with the Google Home system.
- Certified by Google, it can set up scenario functions with other smart home products.

BT – RS485
**RS485 Module**
Global Standards, High Compatibility

Product Features And Connection

Product Features

- Smart building applications: curtains, lighting, door control, all Applicable.
- Control multiple devices: A network can contain up to 63 modules. The system is connected to the internet. The control can be extended to multiple curtains by the gateway.
- Modbus Protocol: Adopting industrial communication protocols, easily connect to common graphic and environmental control systems, including Honeywell, Fibaro, Crestron, Lutron, PcVue, and more.
- Besides Smart Roller Shades, our TDBU Shades, Cellular Shades, Vertical Blinds… and more, can all be effortlessly controlled.

BT-RS485 Connection
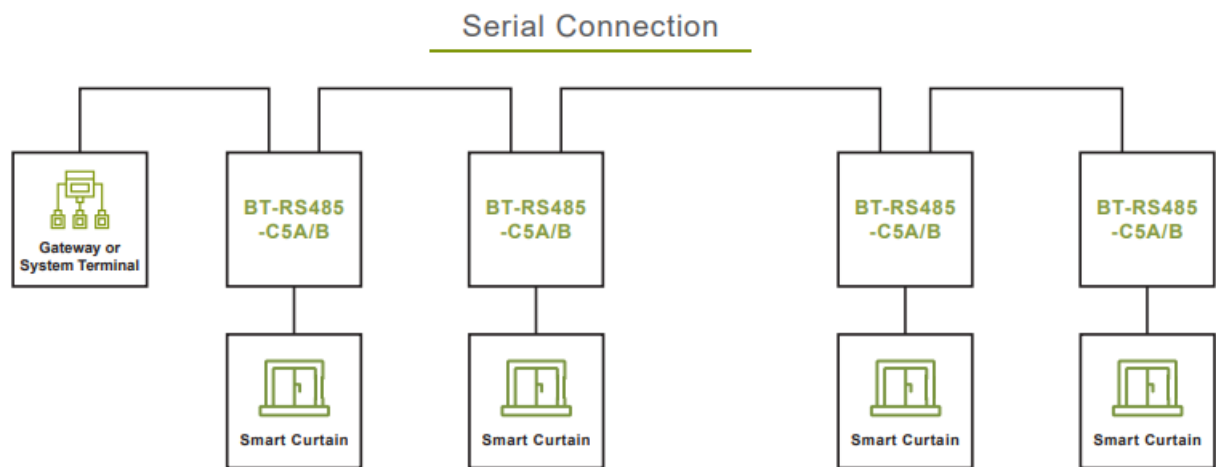
Product Features

- **High Compatibility**

  Meets global standards, offering practical solutions for smart and low-carbon buildings. Integrates smart curtains, lighting, and door control for efficient, cost-saving operations. Able to control TDBU shades, cellular shades, and more.

- **Compact Size**

  With only 70*50*15 mm, small size and lightweight. Installation won't affect building structure and space.

- **Cost Saving**

  Price competitiveness, affordable for smart building and factory construction

Stable Connection and Percentage Control

- Peer-to-peer wired connection ensures stability.
- Using RS 485 with Fulllink's curtain motors, easily adjust curtains from 0% to 100%.

AI Voice Control System

BT-080 AI Voice Control System
The Safest AI Voice Control

Product Features

- Easily customize your smart home assistant with Fulllink's powerful AI voice control system. It excels in voice recognition, operates without internet dependency, and effortlessly manages garage doors, community gates, and motorized curtains.
- Traditional smart home control systems often raise privacy concerns. Fulllink's AI voice control system doesn't rely on cloud integration, prioritizing user privacy with 100% data security protection.

Easy setup without the need for internet
Simple operation, suitable for users of all ages. No need to worry about network issues, no required connection to WIFI or Bluetooth.

High recognition and noise resistance

Advanced AI voice sensor with integrated noise-resistant microphone algorithm. Powered by a high-performance processor, leading global voice recognition capabilities.

Stable and reliable offline access

No need internet connection, protect data security and respond in 2 seconds.

Just plug in, easy-to-use

Compatible with various devices with USB-A.

Smart Home Project

Fulllink Smart Home Project

Fast and Safe Installation
Easily to install and no effect on structure

Real-time Feed Back
Connect with security sensor, product your resident

Control While Watching
Real-time observation, control situation

Product Features

Home Care
To protect elderly people, children or pets, you could monitor the status of residents with simple operations.

Voice Control

- Control lights, curtains, and appliances with a voice command for ultimate comfort and convenience.
- Control While Watching Monitor and control your smart devices from anywhere in the world.

Home Safety
The security alarm system activates automatically, enabling 'Away Mode' when you leave for work. Monitor home safety anytime

Smart Drapes – Belt Driven

Exquisite smart curtains with a humanized design.

Product Features

- Special elastic-free belt transmission with good durability.
- Fast, quiet, and can be switched to manual operation during power failures.
- If obstructed, the special protection design can stop the motor immediately to ensure safety.
- Patented unpowered clutch with high transmission efficiency.
- Robust and durable as the continuous test for reliability had been conducted 50,000 times.
- Two ways (one-way/central) to open or close the curtain, with an extra-long track that can be transported in two separate sections.
- Obtained the CE, FCC and NCC certifications in multiple nations. The quality is reliable.
- Can be applied with different control systems. It is compatible with Apple HomeKit and Google Home system which owns high compatibility and expandability

Specification

Operating Voltage	DC 24V 0.8A	Manual Override Distance	10 CM
Rated Voltage	Built-in Power Supply 110V-240V	Frequency	433.92 MHz, ASK
Rated Power	16.5 W	Range of Remote Control	30 M
Standby Power	0.85 W	Max. Curtain Weight.	50KG within 6M
Safety Curtain Weight	50 KG	(without curves)	45KG within 6M-8M
Max. Single Point Hoisting	1.2 KG		40KG within 8M-10M
Open/Close Speed	12 CM/sec		35KG within 10M-12M
Rated Torque	1.0 Nm	Noise Level	40.5 db

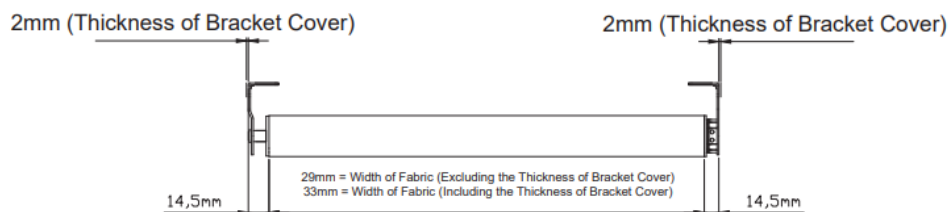## Smart Roller Shades – DC Tubular Motors

The smart curtains with beautiful and simplicity designs that can be scrolled up and down.

Product Features

- Low voltage and low power consumption DC motor to be safe and energy-saving.
- Precise electronic positioning to set the height by your will. It is convenient and reliable.
- Multi-window operations can be precisely and uniformly positioned.
- Startup and close down with an elegant pace.
- Anti-tangling protection that is smart and safe.
- Low noise with highly precise transmission. It is quiet and reliable.
- Robust and durable as the continuous operation test for reliability had been conducted for 60,000 times
- Obtained the CE, FCC and NCC certifications in multiple nations. The quality is reliable.
- Can be applied with different control systems. It is compatible with Apple HomeKit and Google Home system which owns high compatibility and expandability.
- Additional types using tubular motors: Smart Zebra Shades and Smart Sheer Horizontal Blinds.

Dimensions

Labels: Track, Wall Bracket, Fabric, Total Length

2mm (Thickness of Bracket Cover)   2mm (Thickness of Bracket Cover)

14,5mm   29mm = Width of Fabric (Excluding the Thickness of Bracket Cover)
33mm = Width of Fabric (Including the Thickness of Bracket Cover)   14,5mm

25 | 71.2mm 20.7mm 14.5mm 2mm 30mm 45.4mm   Idler Bracket   Drive Bracket   71.2mm 20.7mm 14.5mm 2mm 30mm 45.4mm

50 | 76mm 50mm 34.5mm 100mm
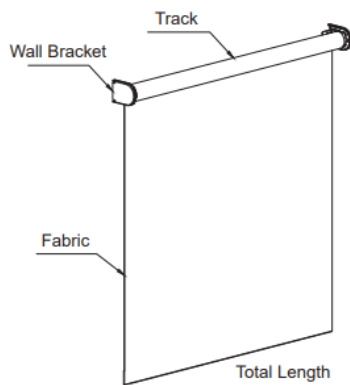
25mm Spec

Operating Voltage	DC 24V 0.8A	Manual Override Distance	10 CM
Rated Voltage	Built-in Power Supply 110V-240V	Frequency	433.92 MHz, ASK
Rated Power	16.5 W	Range of Remote Control	30 M
Standby Power	0.85 W	Max. Curtain Weight.	50KG within 6M
Safety Curtain Weight	50 KG	(without curves)	45KG within 6M-8M
Max. Single Point Hoisting	1.2 KG		40KG within 8M-10M
Open/Close Speed	12 CM/sec		35KG within 10M-12M
Rated Torque	1.0 Nm	Noise Level	40.5 db

50 mm Spec

Motor's Outer Diameter	Ø 25 mm	Range of Remote Control	30 M
Outer Tube's Diameter	Ø 40 mm	Rated Voltage	Built-in Power Supply AC100V-240V
Operating Voltage	DC 12V	Max. Rated Current	1.5 A
Frequency	433.92 MHz, ASK	Max. Rated Power	8.4 W
Rotation Speed	30 rpm	Standby Power	0.25 W
Torque	1.1 Nm	Degree of Protection	IP 44
Max. Size	W 2.4 M x H 3.2 M	Noise Level	39 db

Note: The motor is equipped with dry contacts for direct operation.

Smart Zebra Shades

The smart curtains display soft natural light with multiple vision and interlaced beauty.

Product Features

- One touch to automatically filter sunlight. It is smart and convenient.
- Smart light filtering design for soft and precise light filtering.
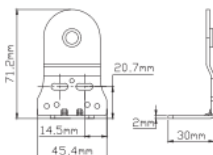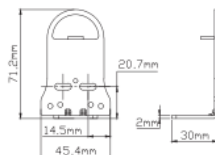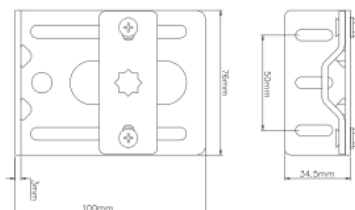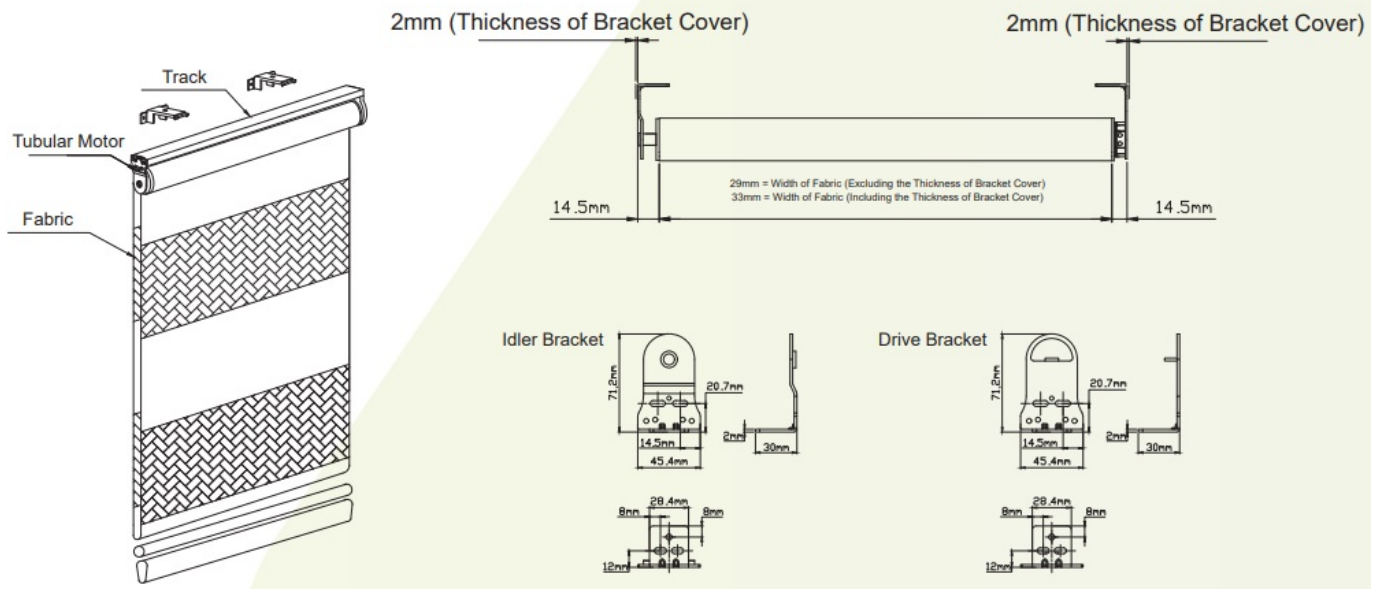- Low voltage and low power consumption DC motor to be safe and energy-saving.
- Precise electronic positioning to set the height by your will. It is convenient and reliable.
- Startup and close down with an elegant pace.
- Anti-tangling protection that is smart and safe.
- Low noise with high precision transmission. It is quiet and reliable.
- Robust and durable as the continuous operation test for reliability had been conducted for 60,000 times.
- Obtained the CE, FCC and NCC certifications in multiple nations. The quality is reliable.
- Can be applied with different control systems. It is compatible with Apple HomeKit and Google Home system which owns high compatibility and expandability.

Track

Tubular Motor

Fabric

2mm (Thickness of Bracket Cover)

2mm (Thickness of Bracket Cover)

14.5mm

29mm = Width of Fabric (Excluding the Thickness of Bracket Cover)
33mm = Width of Fabric (Including the Thickness of Bracket Cover)

14.5mm

Idler Bracket

71.2mm   20.7mm

14.5mm   2mm
45.4mm   30mm

28.4mm
8mm   8mm

12mm

Drive Bracket

71.2mm   20.7mm

14.5mm   2mm
45.4mm   30mm

28.4mm
8mm   8mm

12mm

Specification

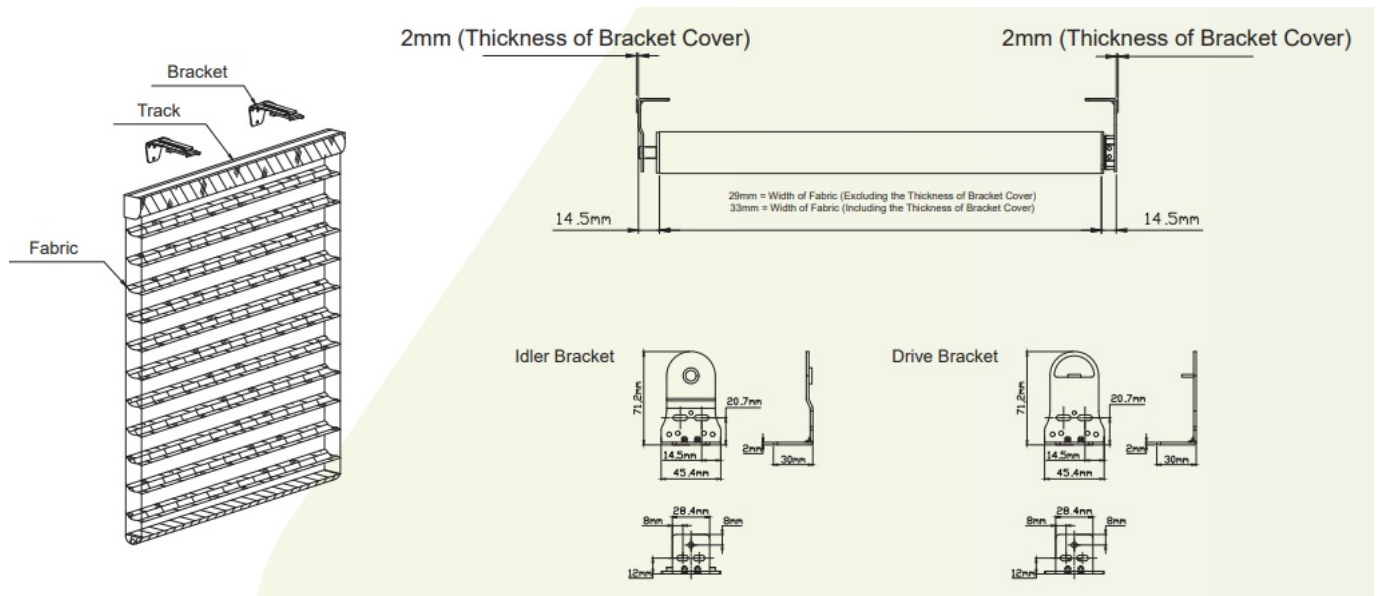|				
Operating Voltage	DC 12V		Torque	1.1 Nm
Frequency	433.92 MHz, ASK		Max. Size	W 2.4 M x H 3.2 M
Load Capacity	4.5 KG		Range of Remote Control	30 M
Rotation Speed	30 rpm		Rated Voltage	Built-in Power Supply AC100V-240V

Smart Sheer Horizontal Blinds

The best choice for both privacy and light filtering.

Product Features

- One touch to automatically filter sunlight. It is smart and convenient.
- Smart light filtering design for soft and precise light filtering.
- Low voltage and low power consumption DC motor to be safe and energy-saving.
- Precise electronic positioning to set the height by your will. It is convenient and reliable.
- Startup and close down with an elegant pace.
- Anti-tangling protection that is smart and safe.
- Low noise with high precision transmission. It is quiet and reliable.
- Robust and durable as the continuous operation test for reliability had been conducted for 60,000 times.
- Obtained the CE, FCC and NCC certifications in multiple nations. The quality is reliable.
- Can be applied with different control systems. It is compatible with the Google Home system which has high compatibility and expandability.

Bracket

Track

Fabric

2mm (Thickness of Bracket Cover)   2mm (Thickness of Bracket Cover)

14.5mm   29mm = Width of Fabric (Excluding the Thickness of Bracket Cover)
33mm = Width of Fabric (Including the Thickness of Bracket Cover)   14.5mm

Idler Bracket   Drive Bracket

Specification

| Operating Voltage	DC 12V	Torque	1.1 Nm
Frequency	433.92 MHz, ASK	Max. Size	W 2.4 M x H 3.2 M
Load Capacity	4.5 KG	Range of Remote Control	30 M
Rotation Speed	30 rpm	Rated Voltage	Built-in Power Supply 110V-240V

Smart Vertical Blinds

Suitable for large French windows, offices, government agencies and public areas.

Product Features

- Low voltage and low power consumption DC motor to be safe and energy-saving.
- Low noise with high precision transmission. It is quiet and reliable.
- When turning the switch on or off, the slats will automatically be adjusted to the direction perpendicular to the track before the movement to avoid tangling.
- The motor and the controller are installed inside the track which makes it aesthetic.
- It adopted the screw rod transmission so that its elasticity can last forever.
- The dual safety protection device of current overload detection and total movement setting is not required.
- Two ways (one-way/central) to open or close the curtain.
- Obtained the CE, FCC and NCC certifications in multiple nations. The quality is reliable.
- Can be applied with different control systems. It is compatible with the Google Home system which has high compatibility and expandability.
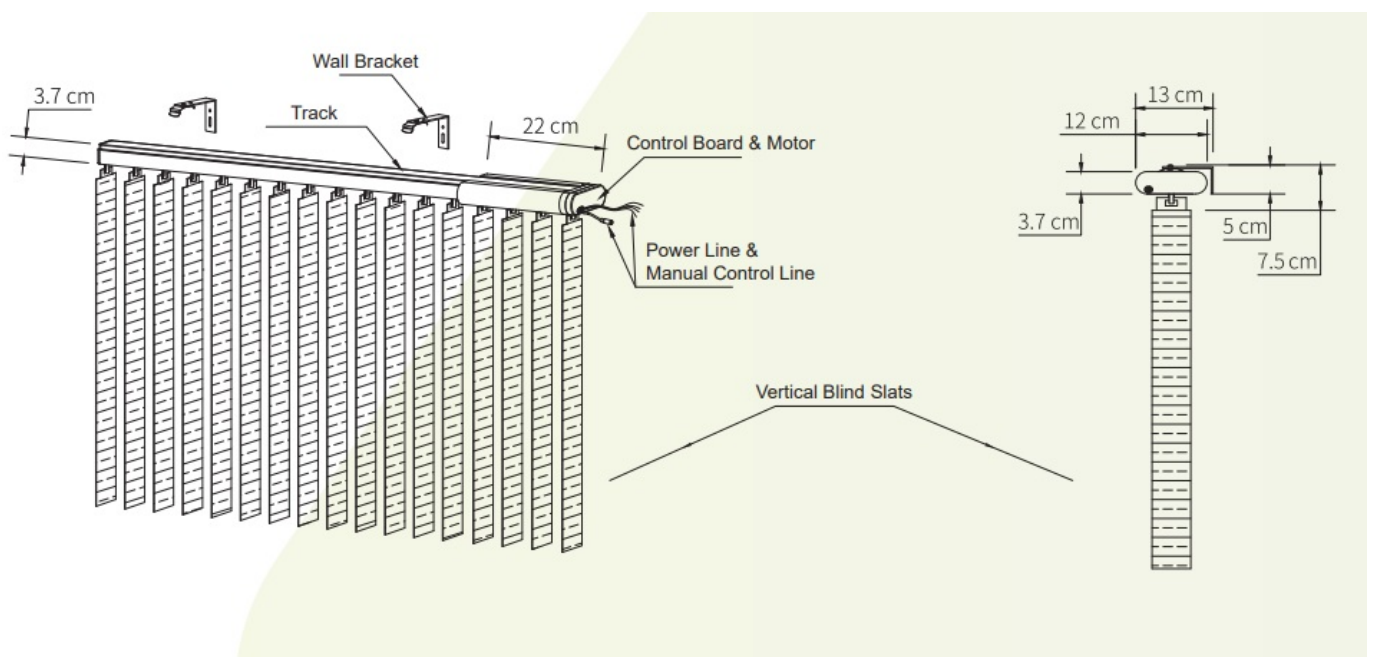
Specification

Operating Voltage	DC 24V		M1 Rotation Speed	250 rpm
Frequency	433.92 MHz, ASK		Max. Size	5.4M (maximum)
Load Capacity	0.5 kg for each carrier stem 30 kg (maximum)		Range of Remote Control	30 M
			Rated Voltage	AC 100V-240V

Additional Types

- **Sheer Fold Blinds**
  (**suitable distance piece:** 7.9cm)(end H/J carrier set)
- **Venetian Blinds**
 (**suitable distance piece:** 11.5 cm)(end H carrier set)

Smart Roman Shades

Innovative and flexible up and down movement for opening and closing of the smart roman shades.

Product Features

- The patented design of the cord winder allows fabric to be rolled and unrolled simultaneously in a parallel opera tion, eliminating any issues with tangled wires.
- Precise electronic positioning to set the height by your will. It is convenient and reliable.
- Robust and durable as the continuous operation test for reliability had been conducted for 27,000 times.
- Obtained the CE, FCC and NCC certifications in multiple nations. The quality is reliable.
- Can be applied with different control systems. It is compatible with Apple HomeKit and Google Home system which owns high compatibility and expandability.
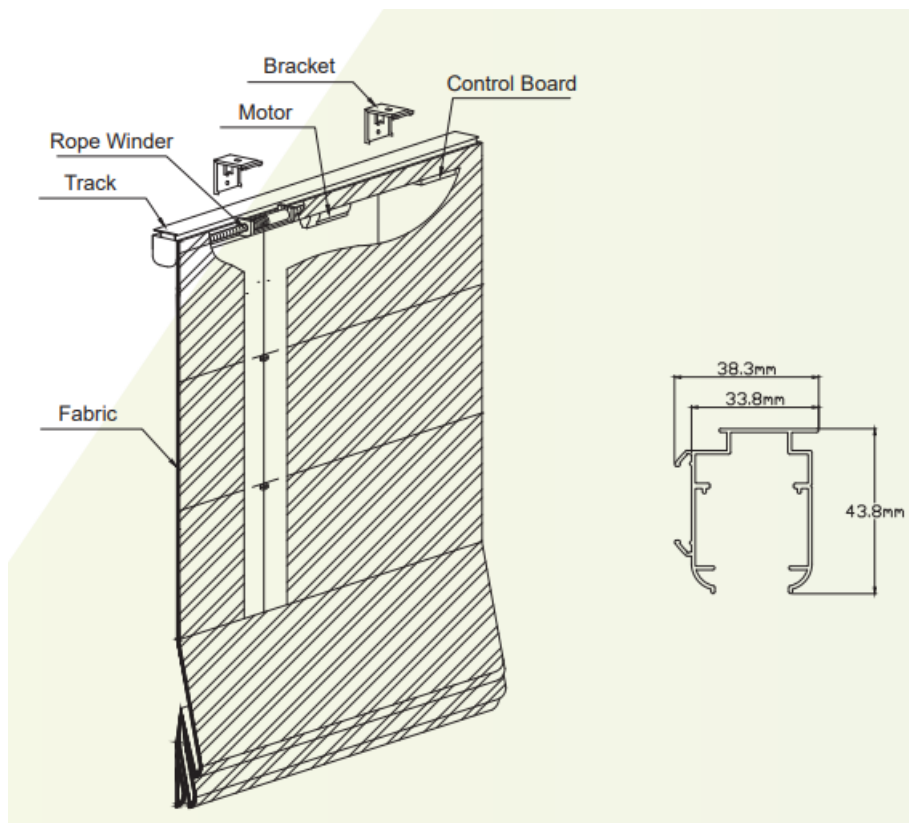
Specification

|			
Operating Voltage	DC 24V	**Torque**	1 Nm
Frequency	433.92 MHz, ASK	**Max. Size**	W 5.4 M x H 3.5 M
Load Capacity	5 kgs/1 motor, 10 kgs/2 motors (max)	**Range of Remote Control**	30 M
Rotation Speed	39 rpm	**Rated Voltage**	AC 100V-240V

Smart Aluminum Venetian Blinds

The improved motorized venetian blinds that are noble and practical.

Product Features

- Low-power DC motor that is safe and energy-saving.
- The motor is silent with precise and reliable movement control.
- Precise electronic positioning to set the height by your will. It is convenient and reliable.
- Obtained the CE, FCC and NCC certifications in multiple nations. The quality is reliable.
- Can be applied with different control systems. It is compatible with the Google Home system which has high compatibility and expandability.
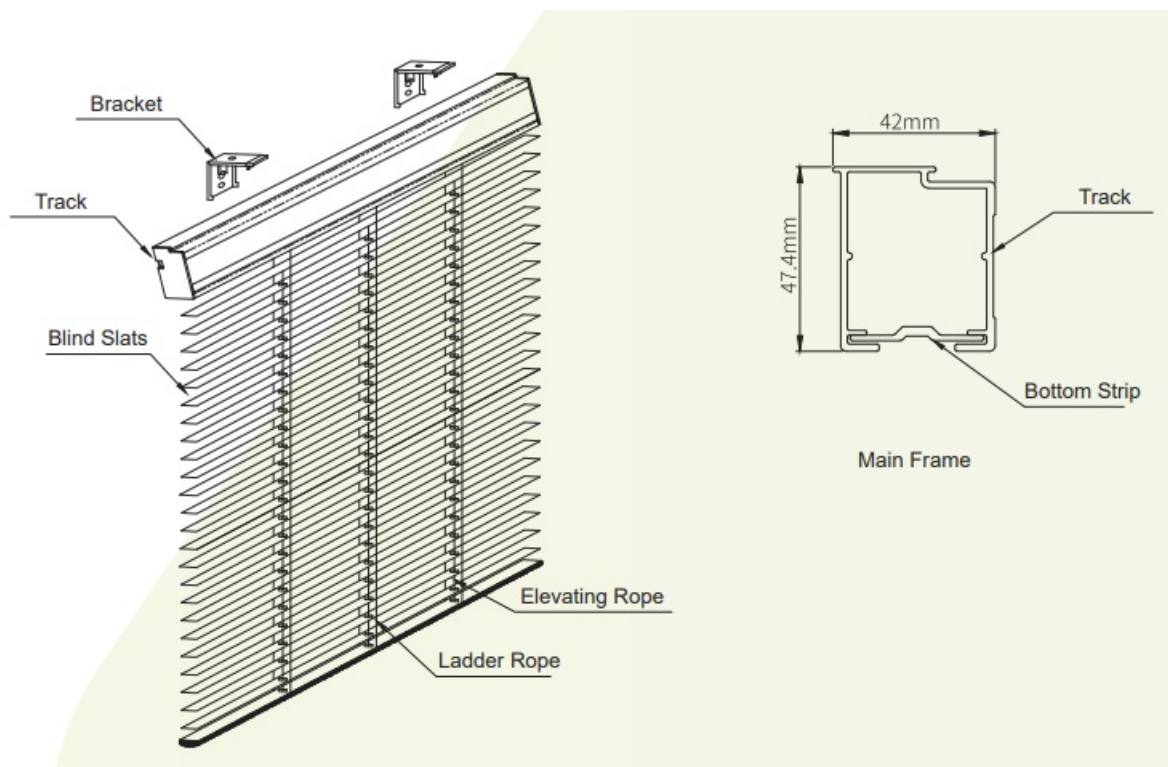
Specification

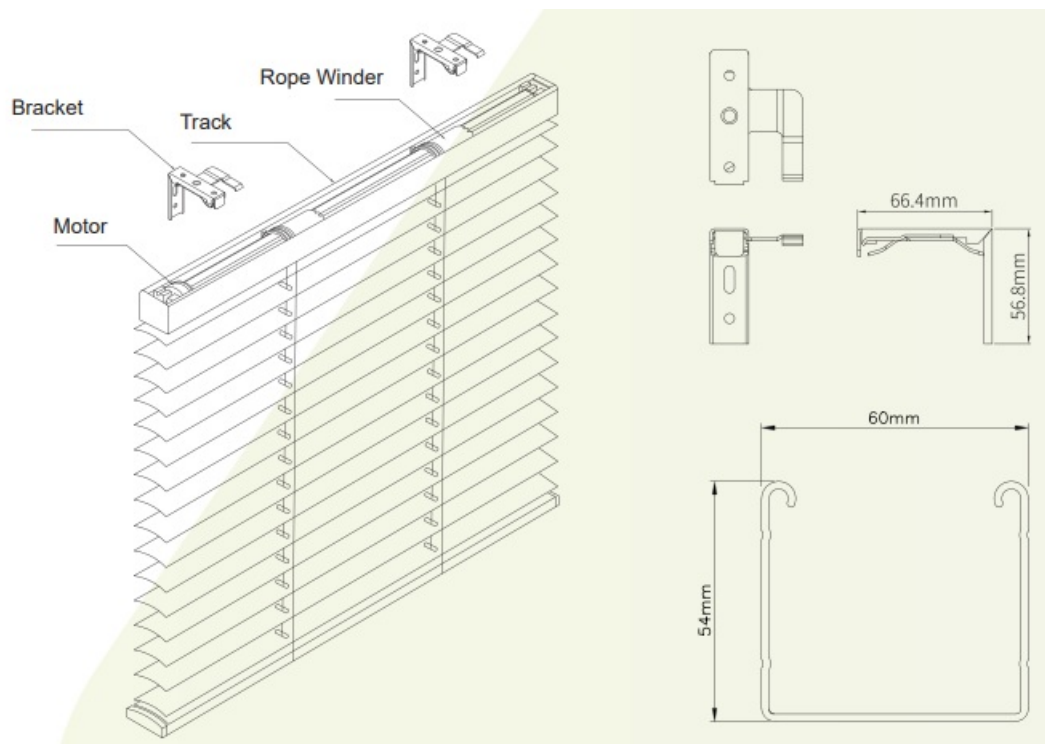| Operating Voltage	DC 24V		Max. Size	W 2.4 M x H 3.5 M
Frequency	433.92 MHz, ASK		Blind Slats' Width	25mm(slats recommended 35mm)
Load Capacity	4 KG		Left and right distance	over 20 cm
Rotation Speed	39 rpm		Range of Remote Control	30 M
Torque	1 Nm		Rated Voltage	AC 100V-240V

Smart Wooden Venetian Blinds

The smart blinds with elegant style for light filtering and privacy.

Product Features

- The humanized operating system that can remotely control the switch of the slats.
- Precise electronic positioning to set the height by your will. It is convenient and reliable.
- Obtained the CE, FCC and NCC certifications in multiple nations. The quality is reliable.
- Can be applied with different control systems. It is compatible with Apple HomeKit and Google Home system which owns high compatibility and expandability.

Specification

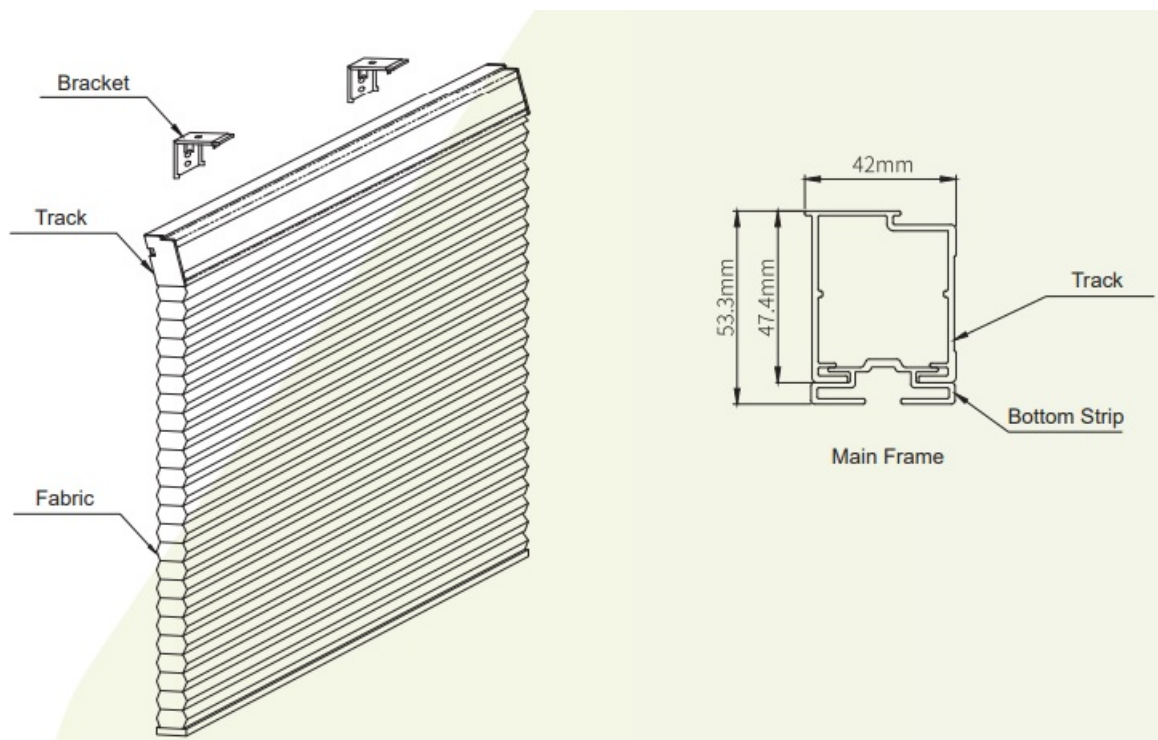| Operating Voltage	AC 110V-220V	Blind Slats' Width	35mm & 50mm
Frequency	433.92 MHz, ASK	Left and right distance	Over 15 cm
Rotation Speed	21 rpm	Range of Remote Control	30 M
Torque	8 Nm	Motor Option	AC 110V or 220V
Max. Size	W 2.4 M x H 3.5 M		

Smart Cellular Shades

Smart Cellular Shades (Standard Type)

The motorized curtains with elegance, simplicity and modern design.

Product Features

- Low voltage and low power consumption DC motor to be safe and energy-saving.
- Precise electronic positioning to set the height by your will. It is convenient and reliable.
- Low noise with high precision transmission. It is quiet and reliable.
- Obtained the CE, FCC and NCC certifications in multiple nations. The quality is reliable.
- Can be applied with different control systems. It is compatible with Apple HomeKit and Google Home system which owns high compatibility and expandability.

Specification

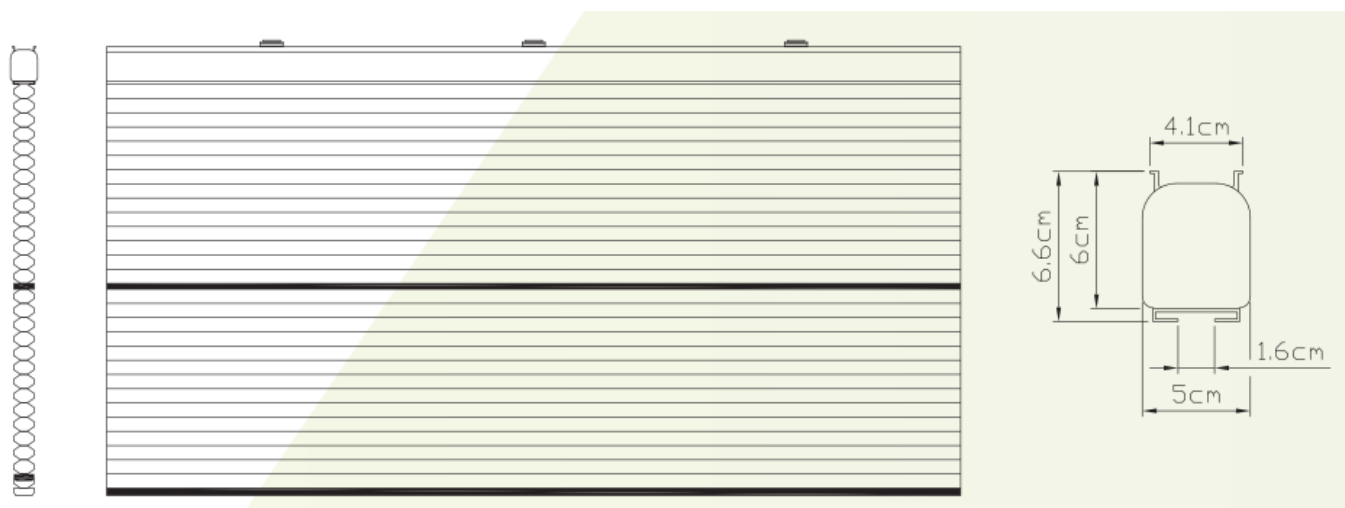| Operating Voltage	DC 24V	Max. Size	W 2.4 M x H 3.5 M
Frequency	433.92 MHz, ASK	Blind Slats' Width	25 mm or 38 mm
Load Capacity	4 KG	Left and right distance	over 20 cm
Rotation Speed	39 rpm	Range of Remote Control	30 M
Torque	1 Nm	Rated Voltage	AC 100V-240V

Smart Top-Down/Bottom-Up Cellular Shades

Innovative and flexible up and down movement for opening and closing of the smart cellular shades.

Product Features

- Smart detection to control by your will.
- Low voltage and low power consumption DC motor to be safe and energy-saving.
- Precise electronic positioning to set the height by your will. It is convenient and reliable.
- Low noise with high precision transmission. It is quiet and reliable.
- Obtained the CE, FCC and NCC certifications in multiple nations. The quality is reliable.
- Can be applied with different control systems. It is compatible with and Google Home system which owns high compatibility and expandability.

Specification

|			
Operating Voltage	DC 24V	Max. Size	W 3.2 M x H 3.5 M (max)
Frequency	433.92 MHz, ASK		W 1 M x H 1M (min)
Load Capacity	8 KG (4KG/layer)(max)	Blind Slats' Width	38 mm & 47 mm
Rotation Speed	39 rpm	Left and Right Distance	over 20 cm
Torque	1 Nm (per layer)	Rated Voltage	AC 100V-240V
Range of Remote Control	30 M		

Motorized Skylight Blinds

A comfortable selection to make the room look spacious and bright.

Product Features

- Low voltage and low power consumption DC motor to be safe and energy-saving.
- Precise electronic positioning to set the height by your will. It is convenient and reliable.
- Low noise with high precision transmission. It is quiet and reliable.
- The two belt-type tracks and coaxial motors are adopted to control the curtain surface.
- Adopts the elastic-free track transmission, which is durable and not easy to deform or break.
- Obtained the CE, FCC and NCC certifications in multiple nations. The quality is reliable.
- Can be applied with different control systems. It is compatible with the Google Home system which has high compatibility and expandability.
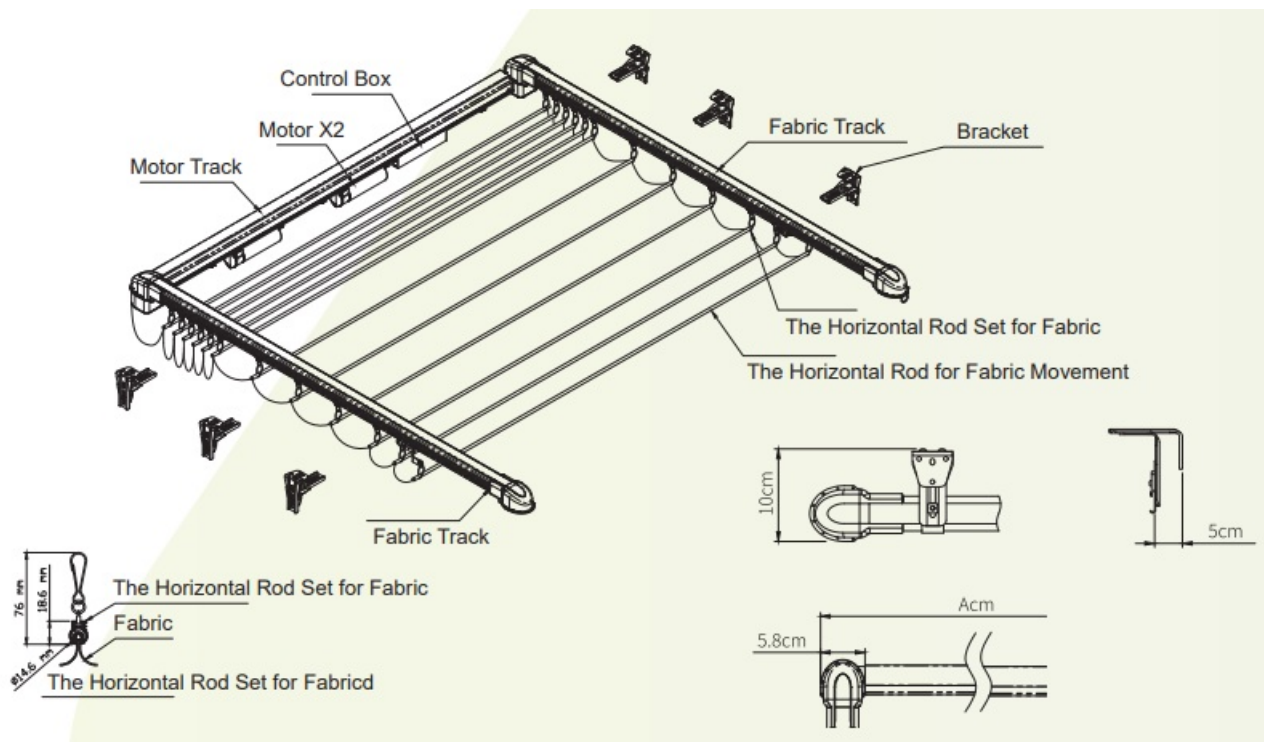
Specification

Operating Voltage	DC 24V	Torque	1 Nm
Frequency	433.92 MHz, ASK	Max. Size	Track length 3.4 M(max)
Load Capacity	30 KG	Range of Remote Control	30 M
Rotation Speed	39 rpm	Rated Voltage	AC 100V-240V

Wall Mounted Wireless Transmitters

- **Frequency:** 433.92MHz,ASK
- **Battery:** DC 3V(CR2032)

Applicable to all public areas and business venues.

BT-129A Single Channel 4 Keys	BT-129A4 1 to 4 4 keys	BT-129B 1 to 2 6 Keys

Remote Controls

BT-073 Remote Controls

Drapes

1 to16

Roller
Shades

Percentage Control
5-Segment Type

Vertical
Blinds

TDBU
Shades

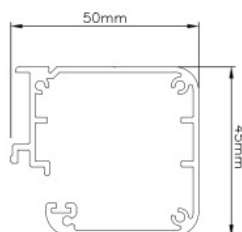Zebra
Shades

Smart Window Actuator

Space Magician for Light Filtering

50mm

45mm

Works with
Apple HomeKit

works with
Hey Google

The safest actuator

When indoor carbon monoxide levels are excessively high, traditional aluminium windows without integrated smart detection systems may pose significant concerns regarding indoor air circulation. Fulllink has developed the safest smart window motor system, requiring only additional pairing with a detection system. It automatically senses indoor and outdoor air quality, temperature, and humidity, adjusting window positions accordingly, ensuring greater peace of mind for indoor occupants!

Breathable

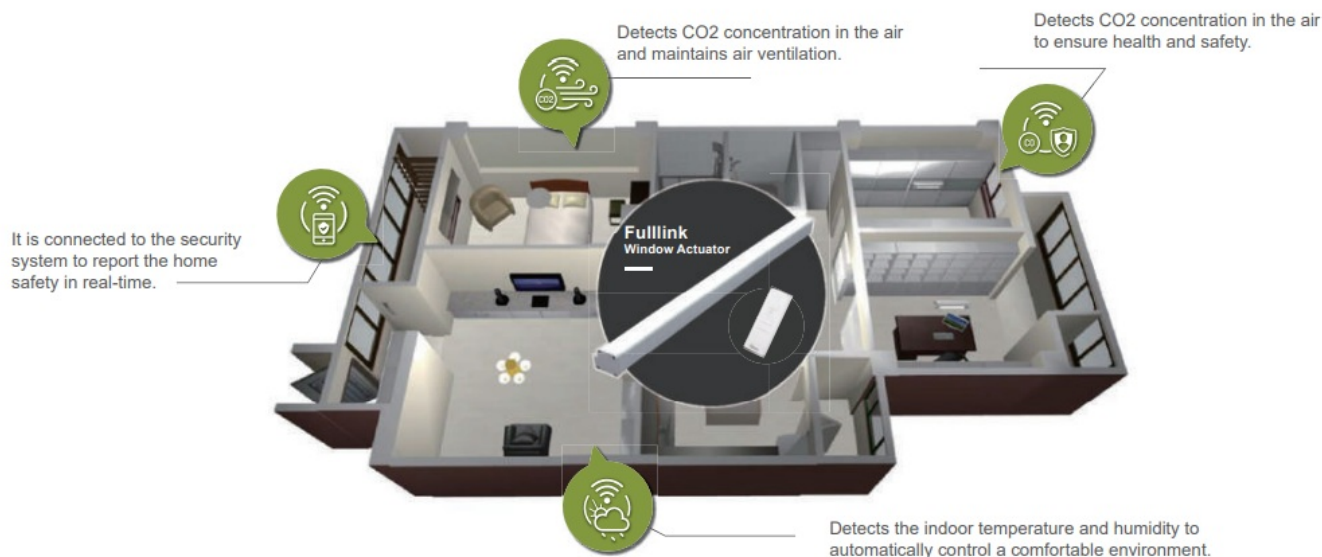All of the smart window actuators can automatically regulate the indoor air.

Brake Mechanism

All of the smart window actuators have a safety entrapment protection mechanism.

Smart

All of the smart window actuators can be connected to the smart home system.

Detects CO2 concentration in the air and maintains air ventilation.

Detects CO2 concentration in the air to ensure health and safety.

It is connected to the security system to report the home safety in real-time.

Fulllink
Window Actuator

Detects the indoor temperature and humidity to automatically control a comfortable environment.

- **Health protection for a comfortable life**

Air Detection-Detects the indoor air quality (CO, PM2.5, etc) to protect your respiratory system and health. Comfortable Space – Detects the indoor temperature and humidity and automatically adjusts to the optimum position for adapting to the weather changes such as rain or shine.

- **Smart device with one touch to control**

Safety Entrapment Protection Mechanism – The operations will stop immediately when its movement is obstructed for entrapment protection.
Manual Switch – It can be switched to the manual mode during power failures.

- **Smart and value-added device for a safe environment**

Check at Any Time – Users can check the status and control the smart window actuator at any time through a smartphone. Safety Mechanism – The security system will be triggered immediately when necessary, to effectively monitor the safety of the environment.

- **The installation is simple**

Quick Installation – It does not affect the interior design and the system and device installation can be completed easily Safety Mechanism – The security system will be triggered immediately when necessary, to effectively monitor the safety of the environment.

Specification

Operating Voltage	DC 24V 1A	Rated Torque	1.0 Nm
Rated Voltage	Built-in Power Supply 110V-240V	Frequency	433.92 MHz, ASK
Max. current	500 MA	Range of Remote Control	30 M
Safety Curtain Weight	30 KG	Specifications	W100CM / H140CM
Open/Close Speed	1.5CM/sec		

Option	Spec	Spec
Width	100 CM	140 CM
Max. Length	60 CM	100 CM

Contact Us

Website

Email

FAQ

- **Q: Can I control the curtains or doors when I'm not at home?**
  - A: Yes, as long as your smartphone or tablet is connected to the internet and the Fulllink app is installed, you can control the curtains and doors remotely from anywhere.
- **Q: Are the smart curtain control modules compatible with both Apple HomeKit and Google Home?**
  - A: Yes, Fulllink's smart curtain control modules are compatible with both Apple HomeKit and Google Home systems, allowing you to choose your preferred platform for control.
- **Q: How many countries are the Fulllink products available in?**
  - A: Flink products are available in over 30 countries worldwide.

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Documents / Resources

fulllink 20240110 Smart Door Control Project Development [pdf] User Manual
20240110 Smart Door Control Project Development, 20240110, Smart Door Control Project Development, Door Control Project Development, Control Project Development, Project Development

References

- [**User Manual**](#)