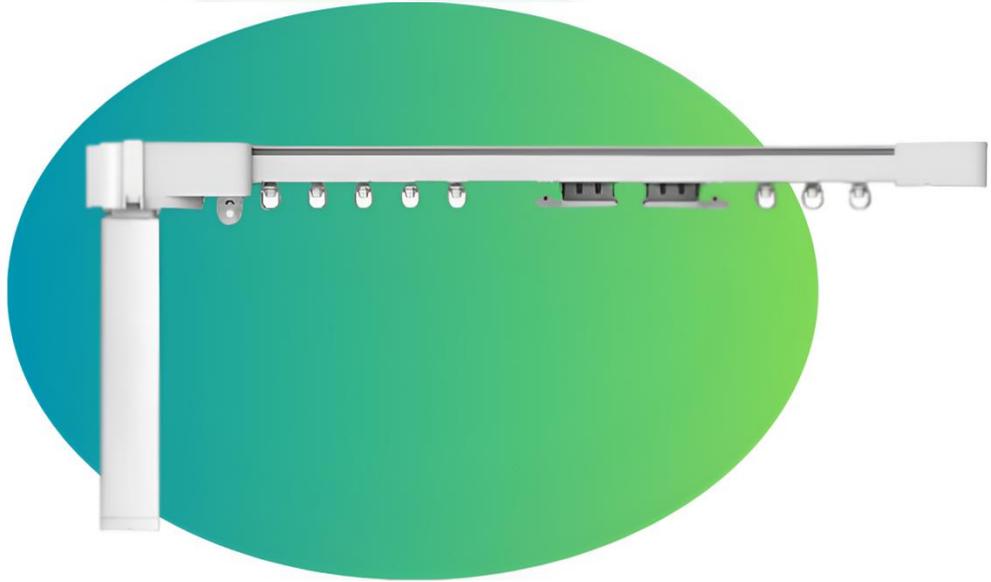


## CURTAIN FLOW

CF1.1



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### Quick Links

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[Product Overview](#)

[Product Features](#)

[Technical Specification](#)

[Wiring Diagram](#)

[Curtain Motor](#)

[Remote Configuration](#)

## Product Description

### Product Overview :-

**Model Number:** CF1.1

**Description:** The Curtain Flow is a motorized track system with a build-in mechanism for smooth and precise curtain movement.

### Application:

- Geo-location-based control for enhanced convenience.
- Supports mood-based scene control within the application.

### Product Features :-

- Supports Arabian and Three-pleated curtains.
- Compatible with straight and L-shaped track.
- Supports three curtain draw styles:
  - 1.Center Opening
  - 2.Left-Side Opening
  - 3.Right-Side Opening
- Supports both ceiling and wall mount installation.
- Manual operation available during power outage.
- Compatible with capacitive switches.
- Supports auto-cut-off protection on overload.
- Includes electronic limits with auto-calibration.
- Customizable track length up to 30 feet (straight or L-shape).
- Support 2-way touch control.
- Comes with adjustable speed control.
- Supports up to 16-channel RF remote.
- 10 RF remotes can be "learned or saved" in a single curtain motor.
- The RF remote long press supports predefined locations (1/4, 2/4, and 3/4 lengths).
- Real time feedback.
- Scheduled automation for opening and closing.
- Supports auto-restore to a predefined position after a set time duration.
- Execute preset schedules without requiring an internet connection.
- OTA updates available upon request.

## Product Benefits :-

- Easy to operate.
- A maximum of 25 schedules can be created.
- Remotely monitor and control curtain via a smartphone or web application.

## Technical Details

### Technical Specification:-

Operating Voltage	100VAC - 240VAC
Frequency Range	50-60 Hz
Rated Power	15W
No. of phase	Single
No. of wires	5
Noise	40db
Rated torque	2.0 N.m
Running speed	16 cm/s
Color	White
Material	ABS
Dimensions (Curtain Motor)	60mm x 50mm x 300mm
Safe curtain weight	50 KG
Warranty	5 years

### Environmental Condition:-

Air Humidity	<85% RH (non-condensing)
Operating temperature range	-10 to +50°C
Storage temperature range	-20 to +50°C
Transport temperature range	-25 to +75°C

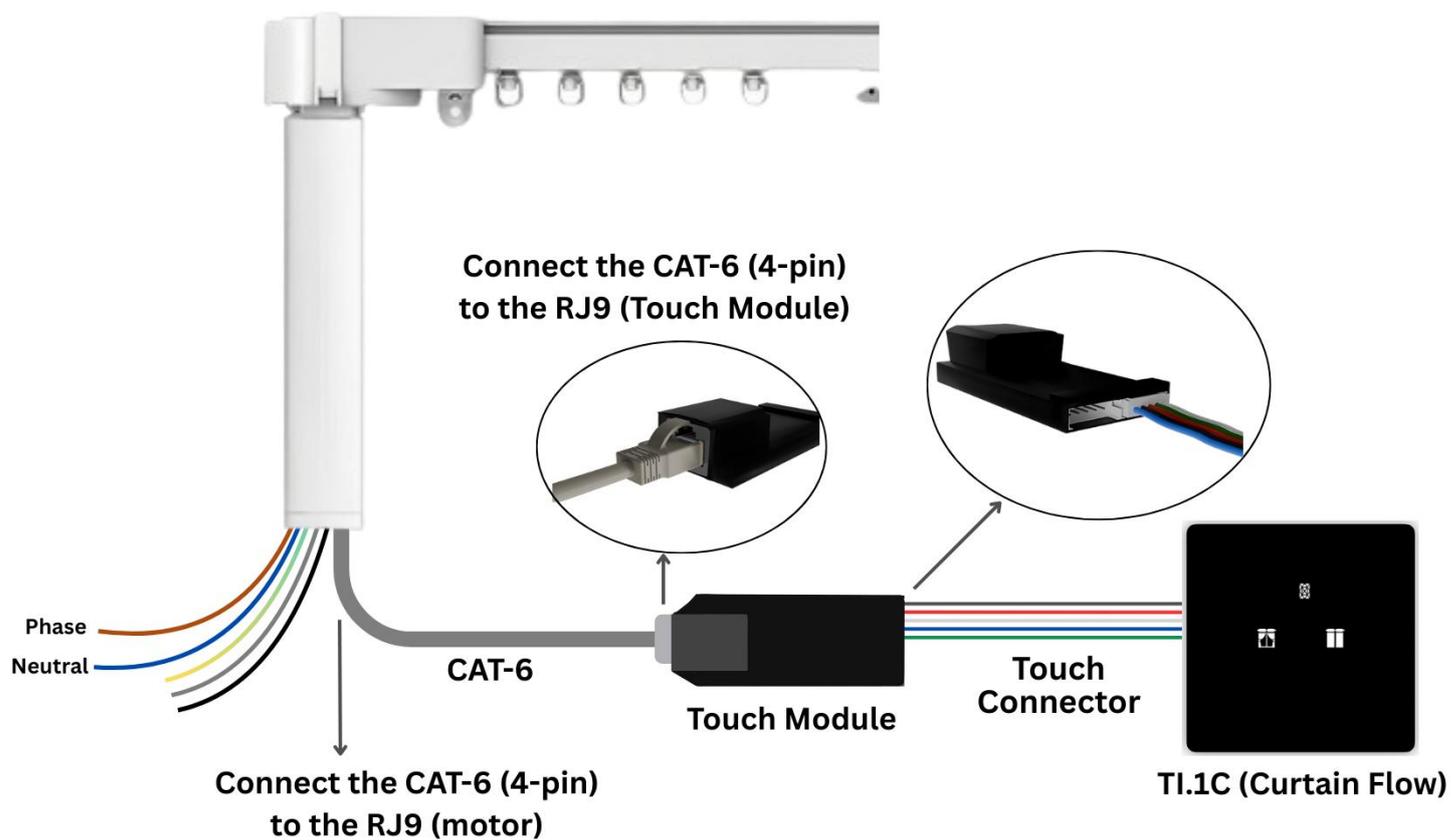
## Control & Communication:-

Remote Communication	RF
RF frequency	433.92 MHz
Control Method	Touch control, RF Remote, Voice, SmartNode App, Third-party control

## Network and Connectivity:-

Communication Protocol	WIFI 2.4 GHz 802.11 b/g/n
Minimum WIFI Signal strength	50%
Minimum Internet speed	512kbps
Data Consumption	< 3MB/month
Integration Support	Compatible with Alexa, Google Home

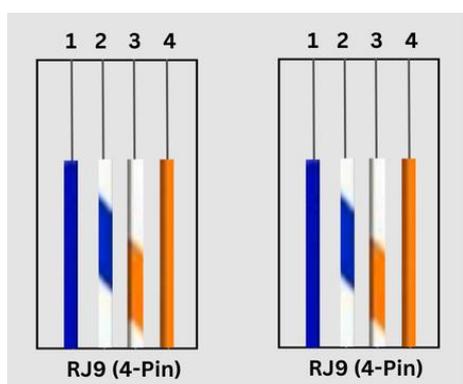
## Wiring Diagram



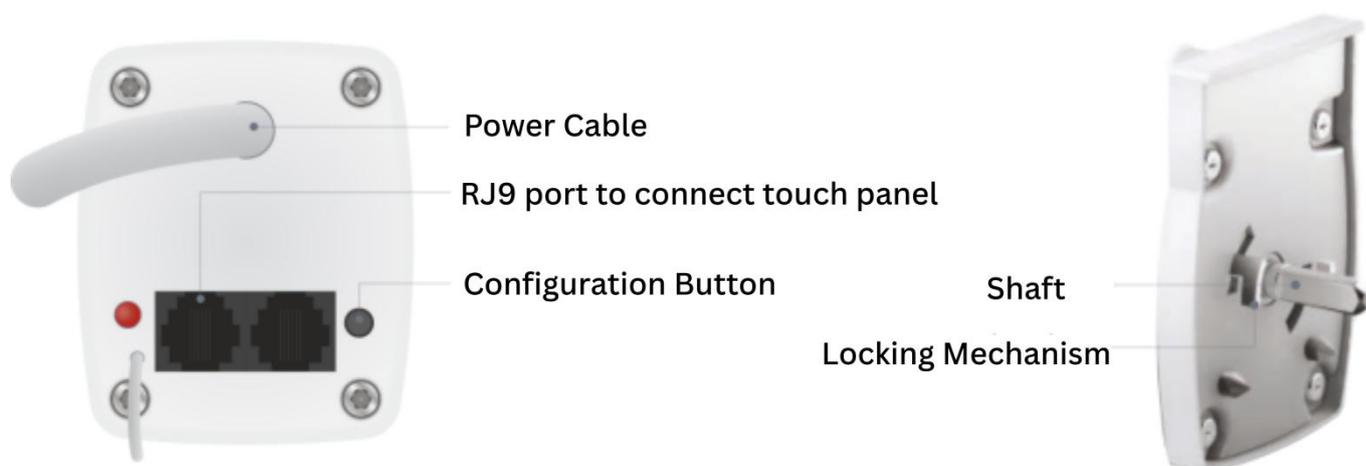
### 5-Wires Color Code

Wire Color	Input
Brown	Phase wire
Blue	Neutral wire
Yellow & Green	Earth wire
Grey/Black	Forward/Reverse wire

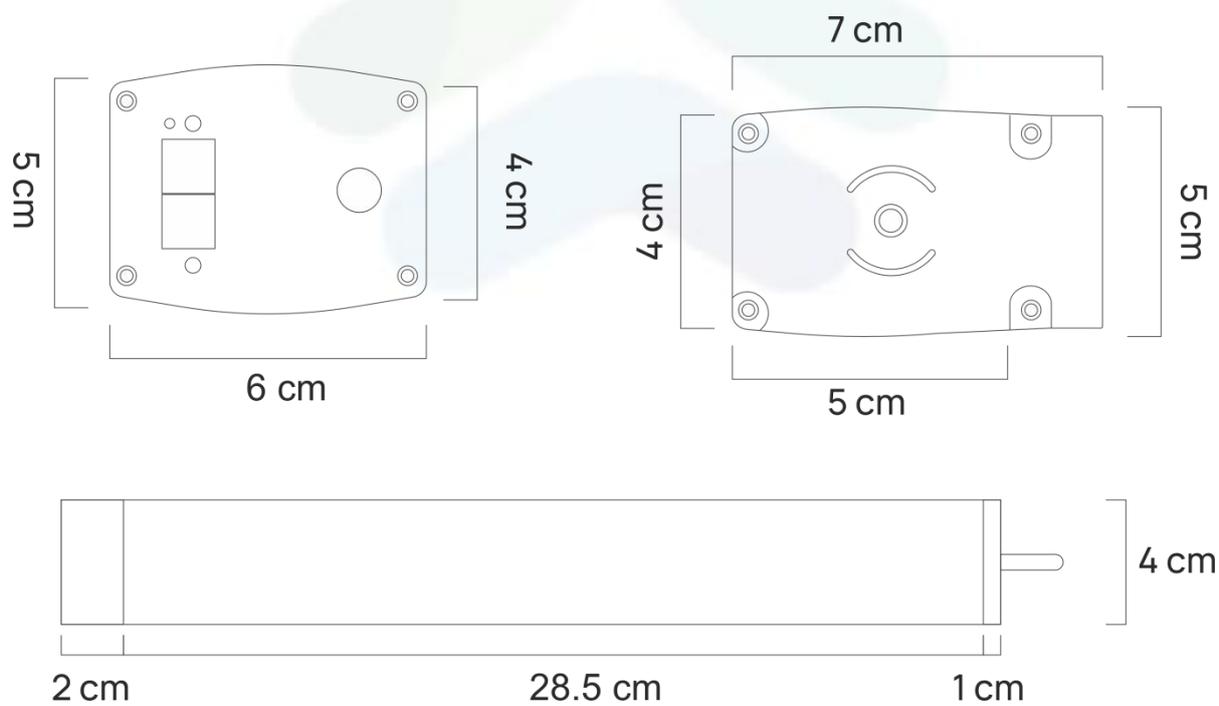
### RJ9 Color Code



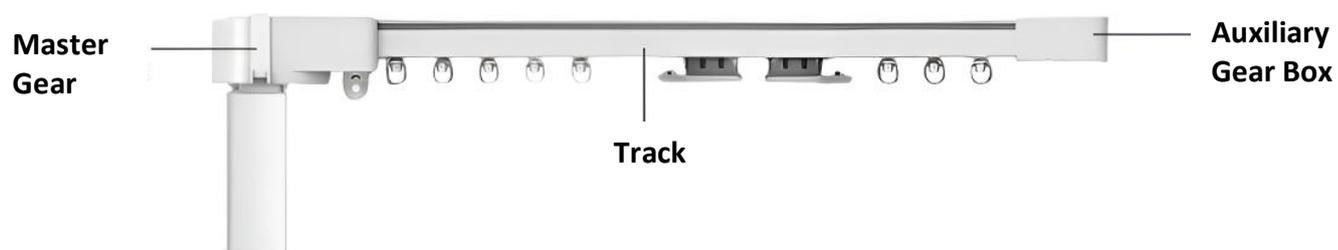
## Curtain Motor



### Dimension:-

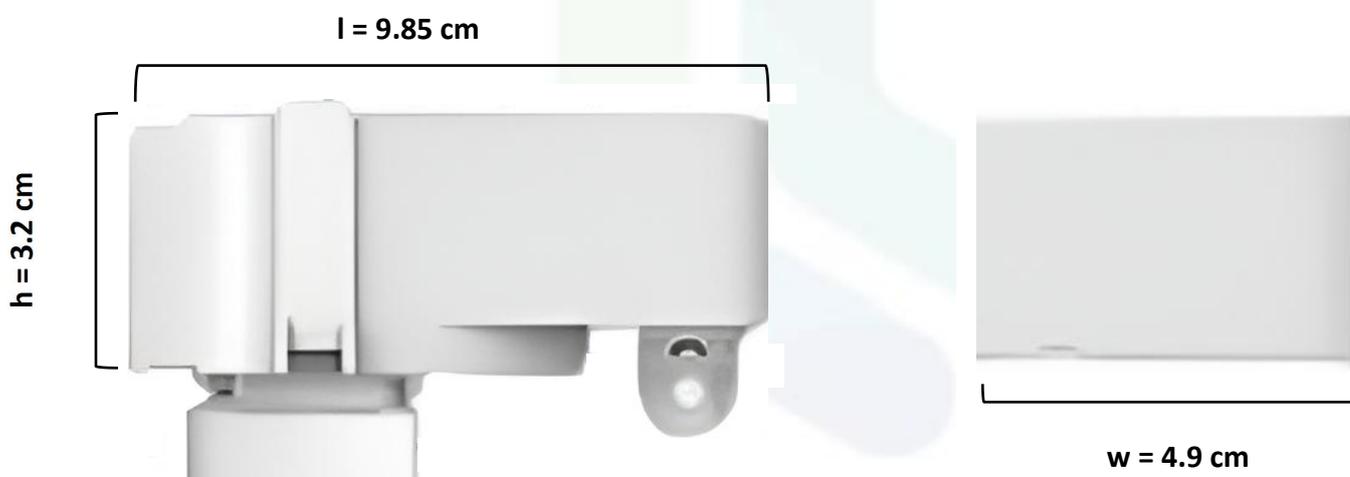


## Curtain Track

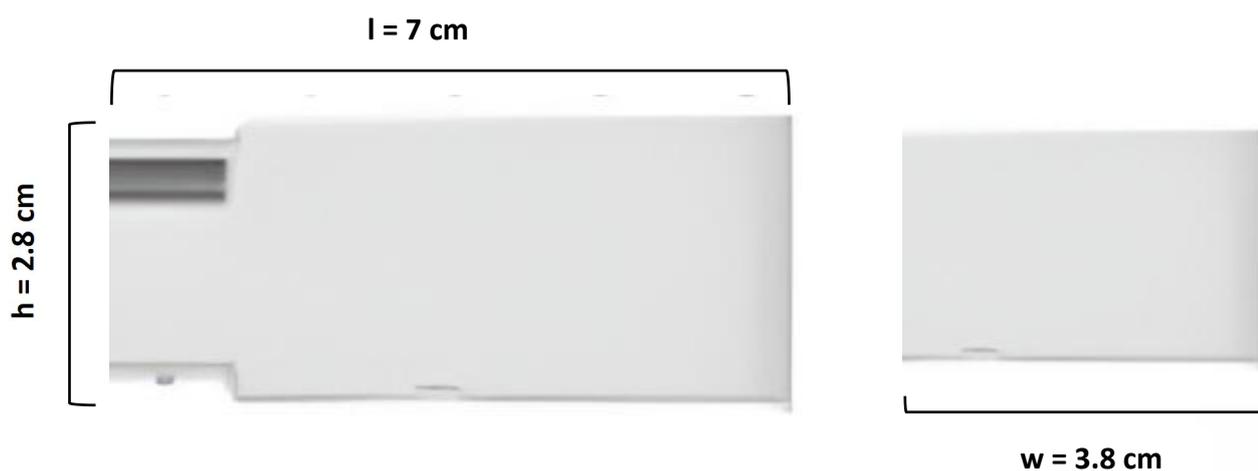


### Dimensions:-

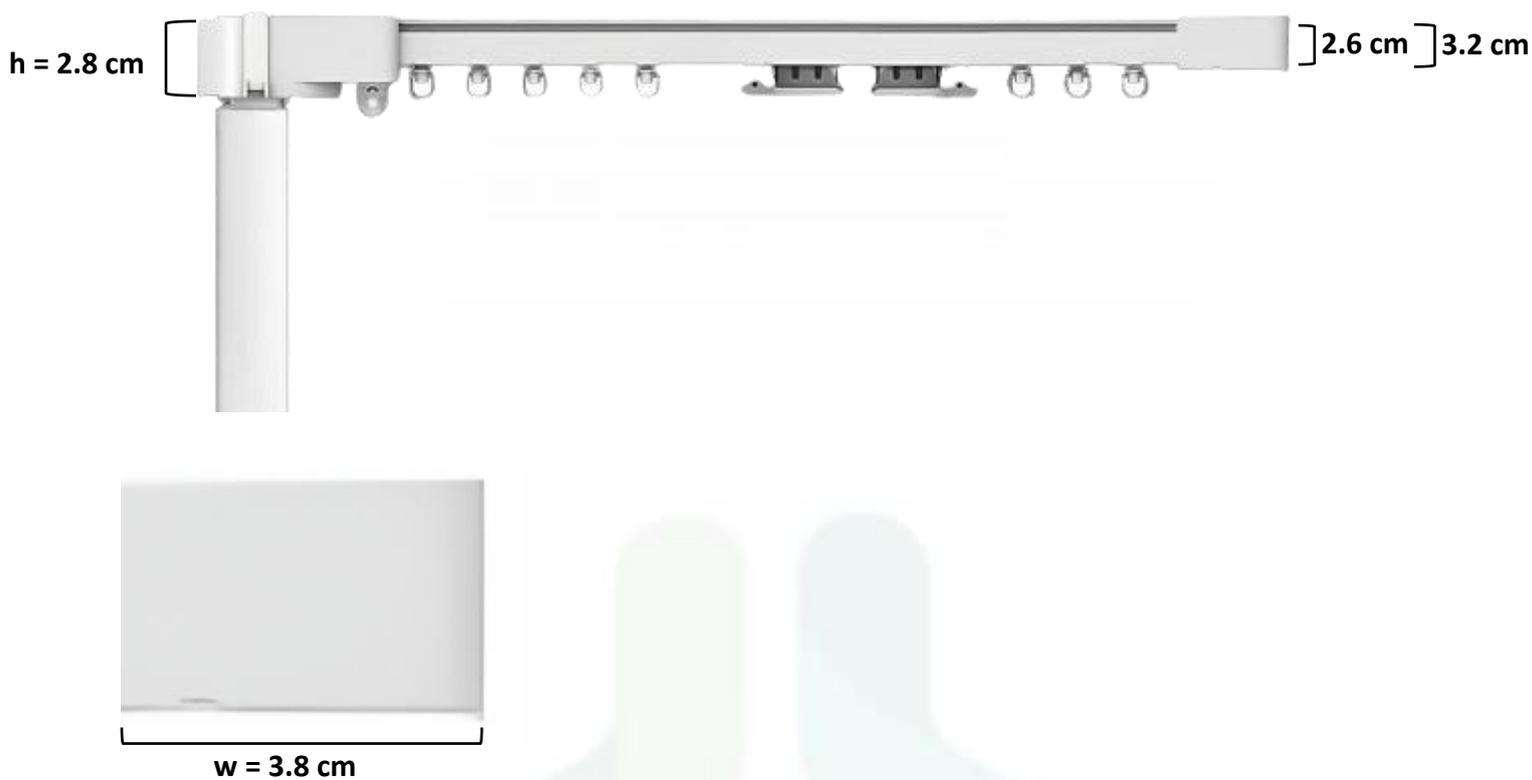
#### 1. Master Gear Box:-



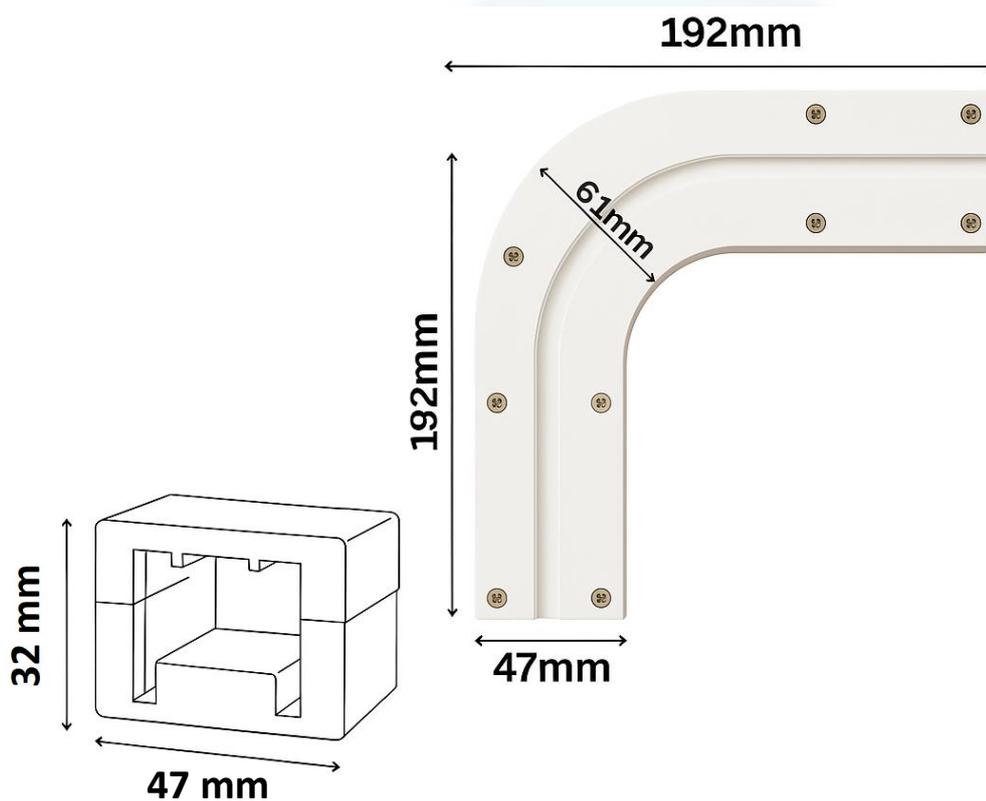
#### 2. Auxiliary Gear Box:-



i. Straight Track:-



ii. L-Shape Conector:-



**Note:** Length of track is customizable upto 30 feet (in both - straight and L shape track).

## Remote Configuration

### 1. To learn the 1-channel remote with the curtain flow

- Press the configuration button on the curtain motor.
- Once the red light appears on the curtain motor, press the P2 button (back of remote) twice to pair.

### 2. To learn the 2-channel remote with the curtain flow

- Press the configuration button on the curtain motor.
- Once the red light appears on the curtain motor, press the P1 or P2 button (back of remote) twice, depending on the side you want to control.

### 3. To learn the 16-channel remote with the curtain flow

- On the remote, first select the channel to which you want to assign the curtain motor.
- Press the configuration button on the curtain motor.
- Once the red light appears on the curtain motor, press the left side P2 button (back of remote) twice to complete the pairing.

**Note:-** If you have up to seven curtains and want to assign numbers from 0 to 6 on display, press and hold the right-side P2 button. A lock symbol will appear on the display, indicating that the numbering is locked up to 0-6.

### 4. Group Control Setup

- Select a group channel (e.g., Channel 15) on the remote.
- Put each curtain motor in learning mode (press the configuration button on the motor).
- Press the left side P2 button (back of remote) twice on the selected group channel while the curtain motor is in learning mode.
- Control all grouped curtains using the group channel.

### 5. Invert Operation

- Press the configuration button on the curtain motor.
- Long press the left side P2 button (back of remote) to invert the motor direction.