Smart Node
Simplify Your Smart Living

CURTAIN CORE

CC1.1

Quick Links ———

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Product Description

Product Overview :-

Model Number: CC1.1

Description: Curtain Core is a high-quality curtain track system designed for smooth, quiet, and effortless curtain movement. Built with a durable sliding mechanism, it ensures seamless operation with minimal resistance. It comes equipped with a reliable non-Wi-Fi motor, providing stable and efficient performance for everyday use.

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.
- Supports auto-cut-off protection on overload.
- Includes electronic limits with auto-calibration.
- Customizable track length up to 30 feet (straight or L-shape).
- 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).

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:-

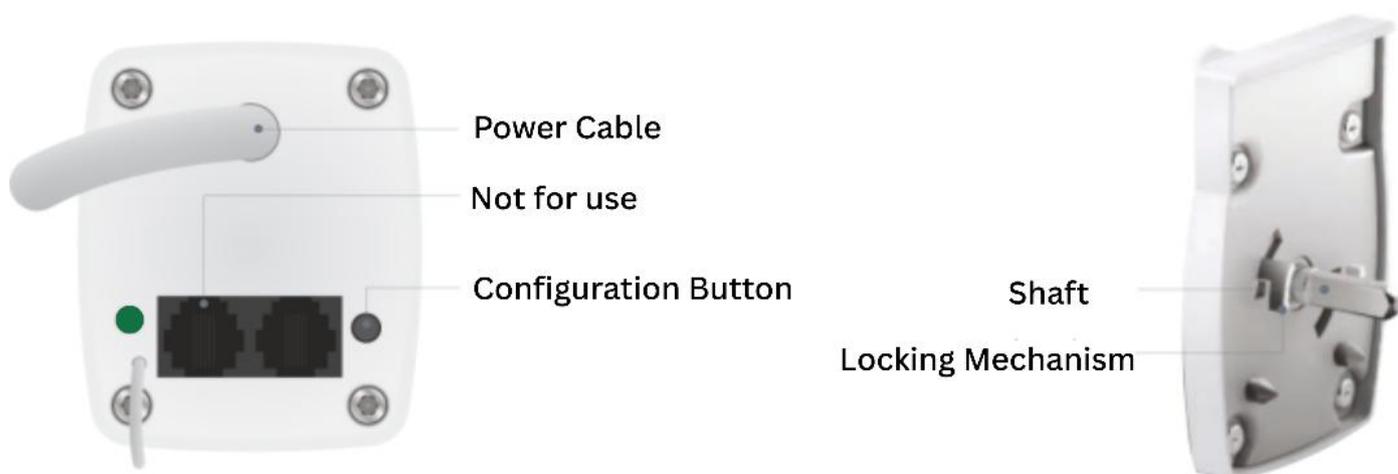|	
Air Humidity	<85% RH (non-condensing)
Operating temperature range	-10 to +50°C
Storage temperature range	-20 to +50°C
Transport temperature range	-25 to +75°C

Control & Communication:-

Remote Communication	RF
RF frequency	433.92 MHz
Control Method	RF Remote, Third-party control

Wiring Color Code

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

Curtain Motor

Power Cable

Not for use

Configuration Button

Shaft

Locking Mechanism

Dimension:-

5 cm

6 cm

4 cm

7 cm

4 cm

5 cm

5 cm

4 cm

2 cm

28.5 cm

1 cm

Curtain Track

Master Gear
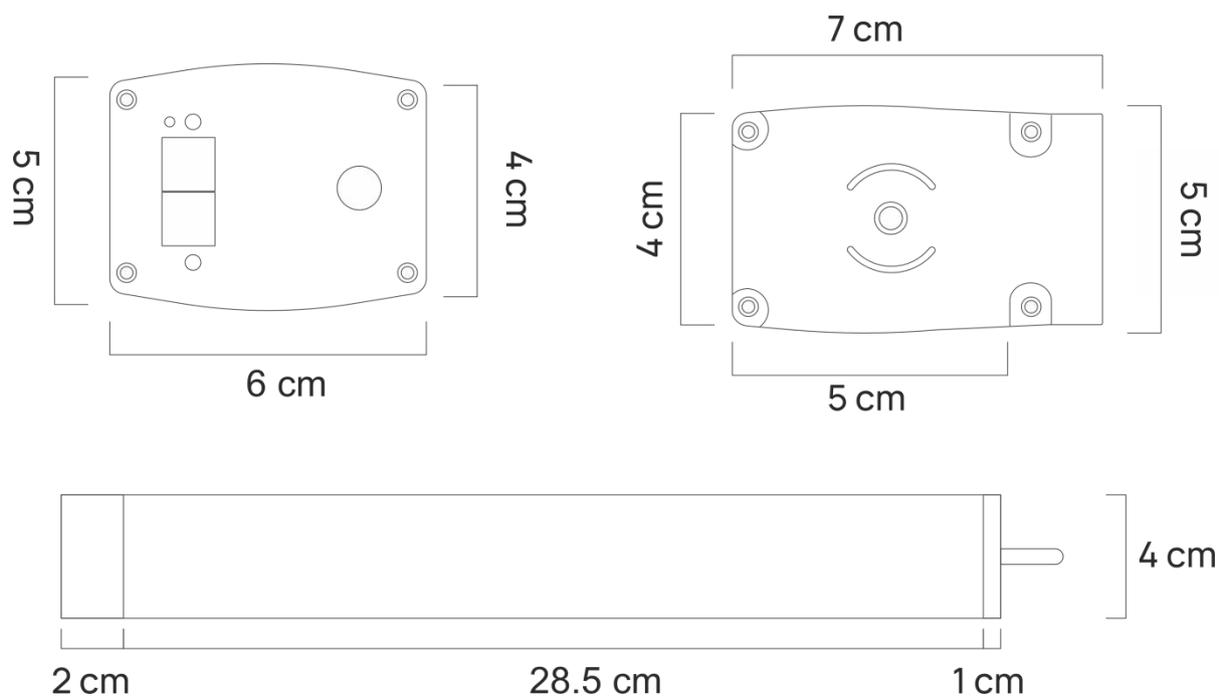
Track
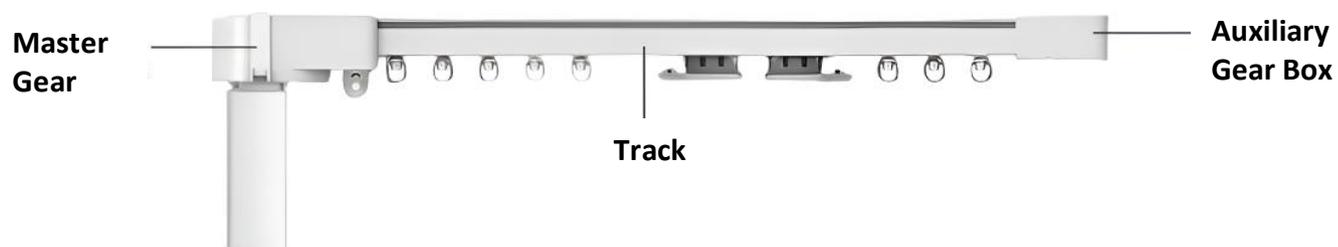
Auxiliary Gear Box

Dimensions:-

1. Master Gear Box:-

l = 9.85 cm

h = 3.2 cm

w = 4.9 cm

2. Auxiliary Gear Box:-

l = 7 cm

h = 2.8 cm

w = 3.8 cm

Track:-

h = 2.8 cm

2.6 cm   3.2 cm

w = 3.8 cm

i. **L-Shape Track:-**

192mm

61mm

192mm

47mm

32 mm

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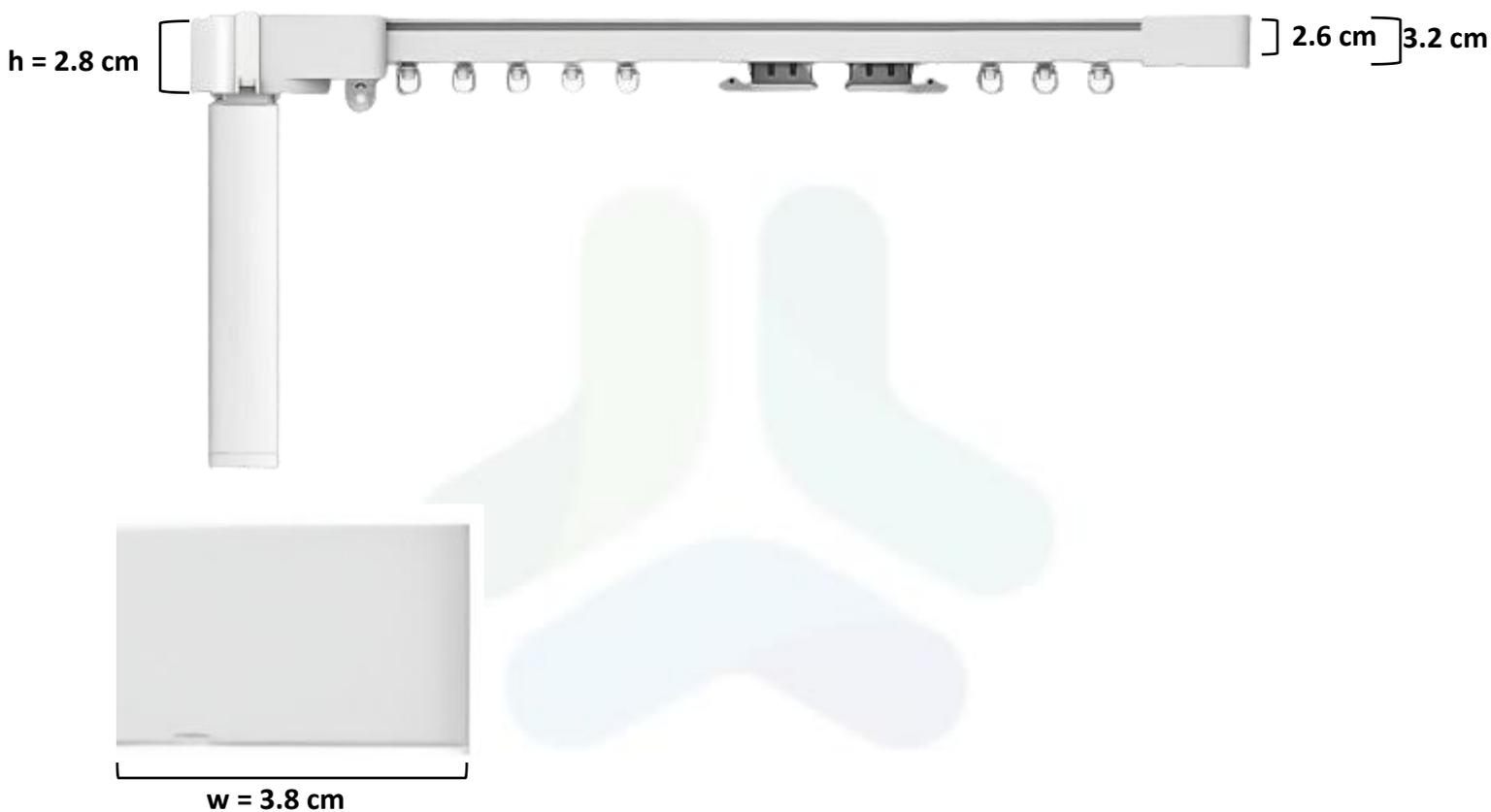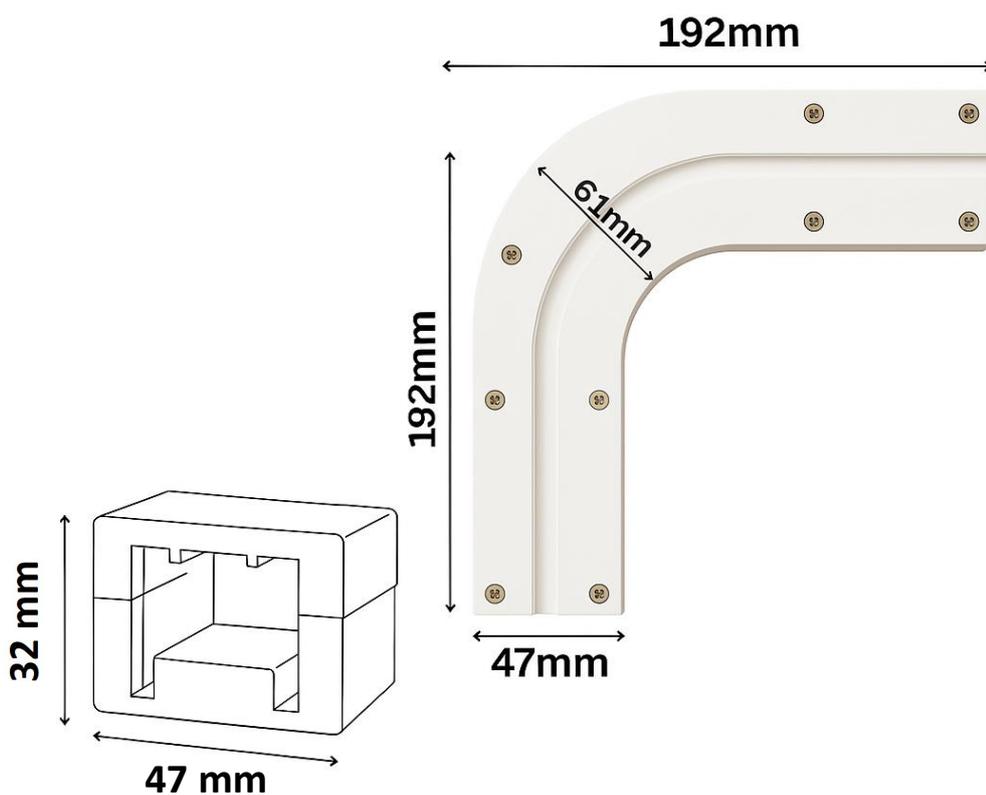
Note: Length of track is customizable upto 30 feet (in both - straight and L shape track).

Remote Configuration

1. To learn the 1-channel remote with the curtain core

- Long press the configuration button on the curtain motor for 3 seconds.
- Once the green LED appears on the curtain motor, press and hold the P2 button on the back of the remote for approximately 5 seconds. The green LED will flash and then turn off, indicating successful pairing.

2. To learn the 2-channel remote with the curtain core

- Long press the configuration button on the curtain motor for 3 seconds.
- Once the green LED appears on the curtain motor, press and hold the P2 button on the back of the remote for approximately 5 seconds, depending on the side you want to control.
- The green light will flash and then turn off, indicating successful pairing.

3. To learn the 16-channel remote with the curtain core

- On the remote, first select the channel to which you want to assign the curtain motor.
- Long press the configuration button on the curtain motor for 3 seconds.
- Once the green LED appears on the curtain motor, press and hold the left side P2 button on the back of the remote for approximately 5 seconds. The green LED will flash and then turn off, indicating successful 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.

Group Control Setup

- Select a group channel (e.g., Channel 15) on the remote.
- Put each curtain motor in learning mode (long press the configuration button on the motor for 3 seconds).
- Press and hold the left side P2 button on the back of the remote for approximately 5 seconds while the curtain motor is in learning mode.
- The green LED will flash and then turn off, indicating successful pairing.
- Control all grouped curtains using the group channel.

Invert Operation

- Press the configuration button once, then long-press the configuration button again for 3 seconds. The motor will move slightly forward and backward to indicate that the inversion is done.

Reset Motor

- Press and hold the configuration button for 3 seconds until the green LED becomes stable. Then, press and hold the configuration button again for about 5 seconds, until the green LED flashes and turns off.

Note: This method will reset all remotes paired with the motor.