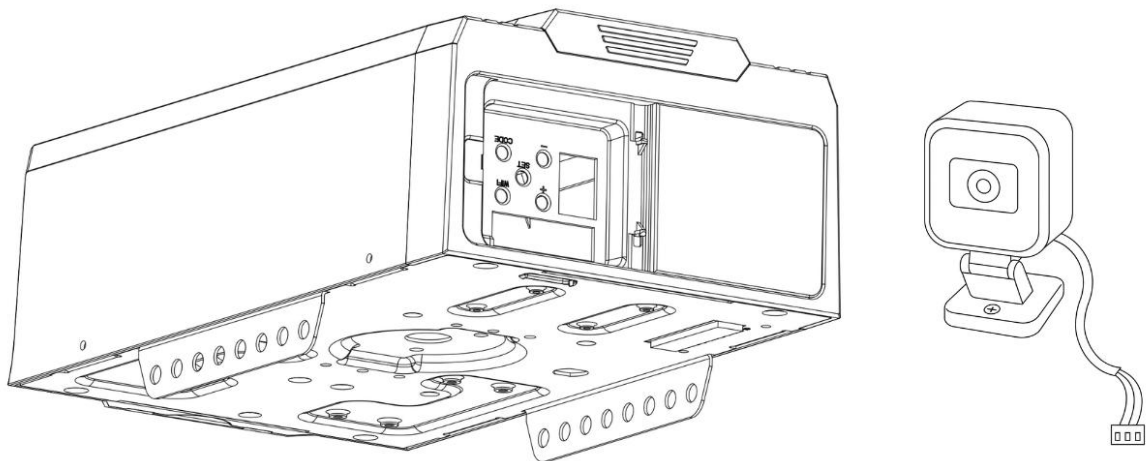


***SMART*Lift**

–Smart Garage Door Opener & Camera System



“Apertura Intelligens et Visus Securus”

800N

1000N

1200N

For Sectional and Tilt Door Opener

S/N:



**With Optional SmartView Camera Kit*

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WARNING

To reduce the risk of injury to persons or property damage, use this opener only with Residential single or sectional doors. Read this manual before use. It contains important safety information.

For personal safety, it is important that all instructions are followed.

Please keep this manual for future use.



WARNINGS FOR USERS

- Read the instructions carefully. If in doubt, contact your distributor or installer for assistance.
- This manual contains safety instructions and warnings. Improper installation of the automation can cause serious injury.
- Keep this instruction manual for future maintenance purposes.
- We are not responsible for any misuse of the product or for any use other than that for which it was originally designed.
- We are not responsible for any failure to comply with safety standards during the installation of the device to be automated, nor for any deformation that may occur.
- This product has been designed and manufactured for professional use only and is indicated in this manual. Any use other than that indicated may damage the product and/or cause physical and material damage.
- Do not make changes to engine components or accessories.
- Do not store the product near heat sources or open flames that may damage it, break it or create a dangerous situation. •Keep transmitters out of the reach of children to avoid accidents.
- Users must call a qualified technician for maintenance and repair of the automation.
- The installer must inform the customer how to handle the product in case of emergency and provide operating instructions.
- Install only on properly balanced garage doors. An improperly balanced door can cause serious injury. Have a qualified garage door service technician repair cables, spring assemblies, and other hardware before installing the opener.
- Automation for indoor/outdoor use only. To reduce the risk of personal injury, use this operator only with sectional garage doors
- Once the opener is installed, the door must retract when contacted by a 1-1/2 inch (3.8 cm) high object (or a 2x4 inch Wooden board) placed flat on the center of floor.
- Preventive maintenance should be performed every 6 months, after each door adjustment and motor maintenance, the reverse safety test should be performed again to ensure that the door reverses properly and normally after contact with such an object placed on the ground center.



The installation of automation should only be carried out by a qualified installer, in compliance with the standards, regulations and instructions contained in this manual.

Entrapment Warning Label: Please Place Next to Wall Control and Make Sure the Warning Label Is Unblocked.



WARNING



Child can be pinned under automatic garage door.
Death or serious injury can result.

- Never let child walk or run under moving door.
- Never let child use door opener controls.
- Always keep moving door in sight.
- If person is pinned, push control button or use emergency release.
- Test door opener monthly :
Refer to your owner's manual.
Place a 1 1/2" / 50mm object (or 2 x 4" / 100 x 50mm laid flat) on floor.
If door fails to reverse on contact, adjust opener.
If opener still fails to reverse door, repair or replace opener.

Do not remove or paint over this label.
Mount wall control out of child's reach
(at least 5 feet / 1.5m above floor).

Place next to wall control.

GUST01A-2



INSTALLER WARNINGS

- Before beginning installation, verify that you have all the necessary equipment and materials to complete the automation installation.
- Check if the gate design is suitable for automation.
- Check that the door weight is within the maximum limits for the product to be installed.
- Install the door control button: (a) within sight of the door, (b) at least 5 feet high where small children cannot reach it, and (c) away from all moving parts of the door.
- Install the entrapment warning label (shown on previous page) next to the wall-mounted control in a visible location.
- Once the opener is installed, the door must retract when it contacts a 1-1/2 inch (3.8 cm) high object (or a 2x4 board) placed flat on the floor.
- Check that the engine mounting area allows easy and safe manual unlocking and maneuvering.
- Electrical cables must pass through protective tubes to protect them from mechanical stress, and must be correctly inserted into the electronic connection terminals and firmly fixed to avoid non-perfect connection.
- If the product to be installed requires a 230V or 110V power supply, ensure that the connection is made to an electrical panel with grounding.



WARNINGS FOR USE

- Keep this manual in a safe place so you can refer to it whenever necessary.
- Ask your installer for instructions on how to handle the product in case of emergency.
- If repair or modification is necessary, contact your installer.
- Keep the operating area of the gate clear while it is moving and do not resist its movement.
- Do not perform any operations on mechanical parts or hinges while the product is in motion.

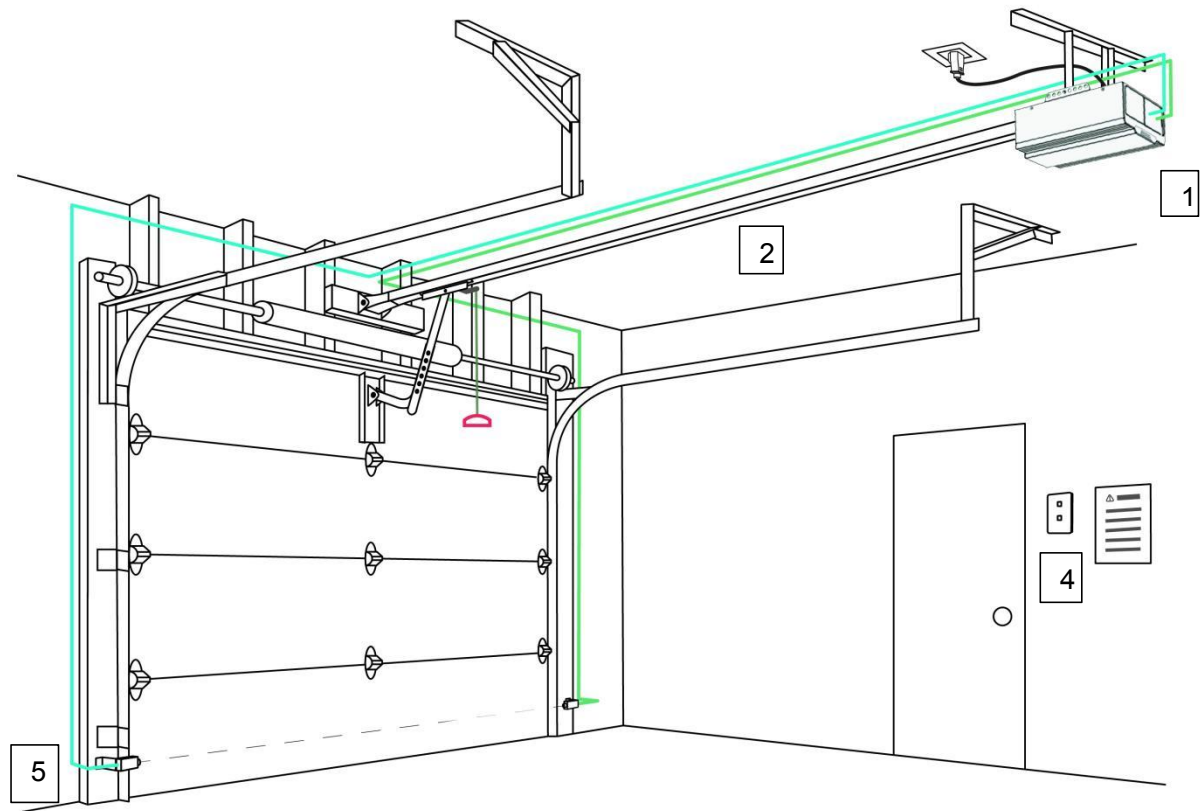
MOTOR CONTENT LIST

NO.	Product Name	Qty
1	Garage Door Opener Motor Head: ZTS	1
2	C-Rail	1
3	Remote Controls	2
4	Wall Button (*Optional Wall Control Accessory)	1*
5	Safety Beam (*Optional Safety Accessory)	1*

TECHNICAL DATA

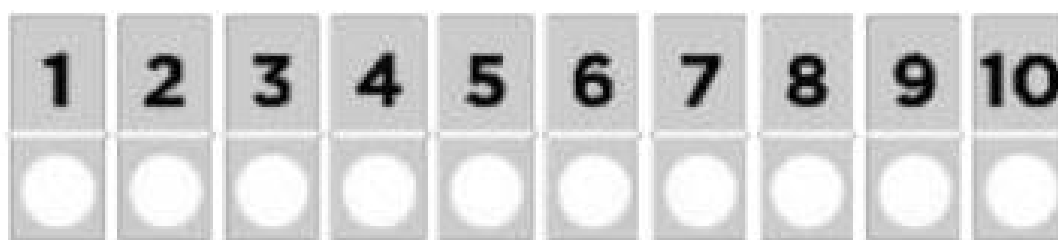
	800	1000	1200
Supply voltage	110V~230V 50/60Hz	110V~230V 50/60Hz	110V~230V 50/60Hz
Opener rated power	80W	100W	120W
Power	800N	1000N	1200N
Remote Frequency	433.92MHz	433.92MHz	433.92MHz
Operating Speed	140mm/s	140mm/s	140mm/s
Work Temperature Range	-20°C +50°C	-20°C +50°C	-20°C +50°C
IPX Class	IP20	IP20	IP20
Maximum door area	≤86ft ² (8 sqm)	≤112ft ² (10.5 sqm)	≤129ft ² (12 sqm)

STANDARD INSTALLATION



N°	Description
1	GDO Motor Head
2	C Rail
3	Handheld Transmitter (Not Shown Above)
4	Wireless Wall Button and warning Label *optional accessory
5	Safety Beam *optional accessory
6	Wireless Keyboard *optional accessory (Not Shown Above)

DESCRIPTION OF CONNECTIONS



Terminals 1 and 3 – Electric Lock (optional accessory)

- 1 = Positive (+)
- 3 = Ground (GND)

Note: Only use the electric lock provided by same company/distributor for compatibility.

Terminals 2 and 3 – Backup Battery Connection (optional accessory)

- 2 = Positive (+)
- 3 = Negative (-)

Terminals 4 and 5 – Alarm Light Output (optional accessory)

- 4 = Positive (+)
- 5 = Negative (-)

Terminals 5 and 6 – Pedestrian Door Function

Used to connect a small door (wicket gate) function.

Terminals 7 and 8 – Manual Switch Input

Used for an external push button or wall switch.

Terminals 8 and 9 – 2-Wire Infrared Sensor (Photocell)

Important: If connecting and using an IR sensor, make sure to **enable the infrared function** in the main settings menu of the app or in the garage door opener setting menu.

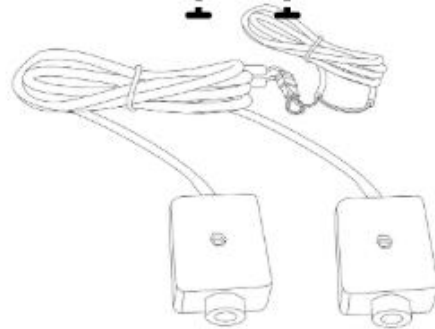
Ground Terminals (GND): Terminals 3, 5, and 8 are the ground connection (GND).

1 Electric Lock (+) *only compatible with supplied E lock.	6 Pedestrian door/Passage door
2 24V (+) battery	7 Wall button
3 24V (-)battery (GND)	8 Wall button/ Two-Wire photocell. (GND)
4 Warning light 24V (+)	9 Two-Wire photocell.
5 Warning light 24V (-) Pedestrian door/Passage door contact (NC) (GND)	10 idle

SAFETY BEAM



Safety beam connection
with two wires photocell:
2 wires can be connected
freely **without** distinguishing
colors or +/-



WALL BUTTON

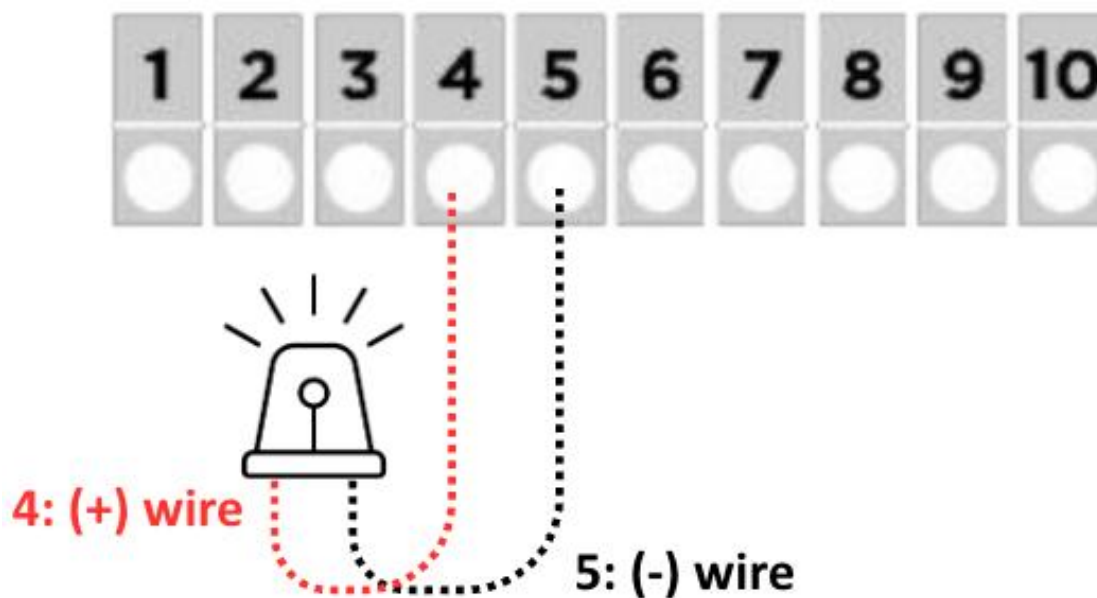


use port **7** and **8** to connect to
external manual switch/
wall mount remote control for
the GDO

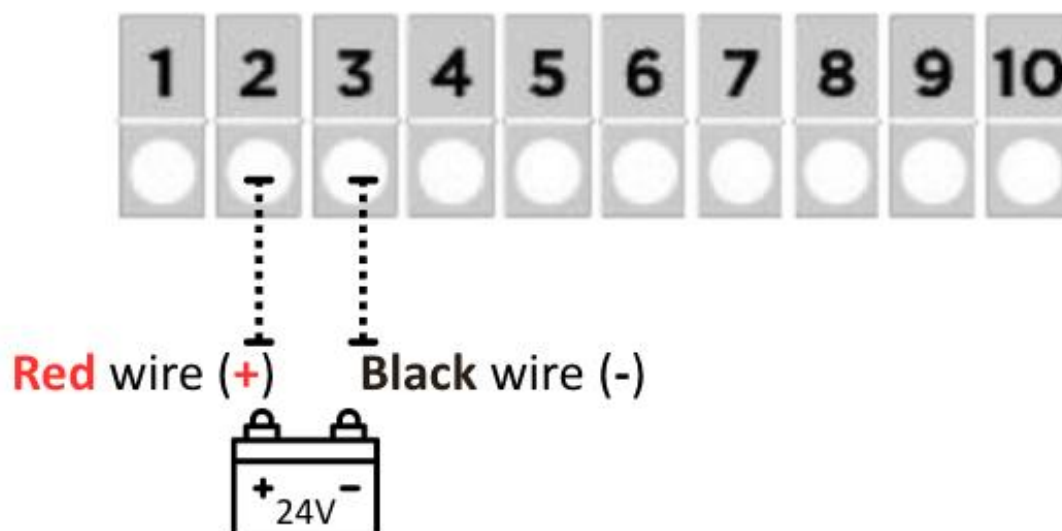


DESCRIPTION OF CONNECTIONS

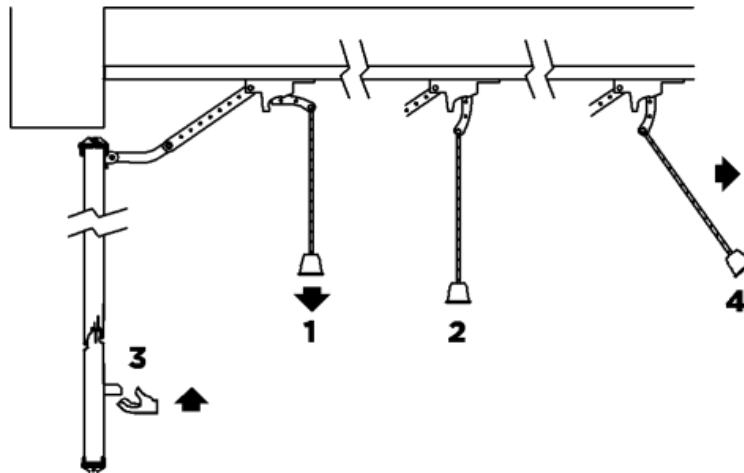
FLASH WARNING LAMP



CONNECTING THE BACKUP BATTERY



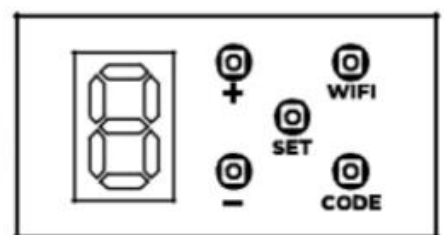
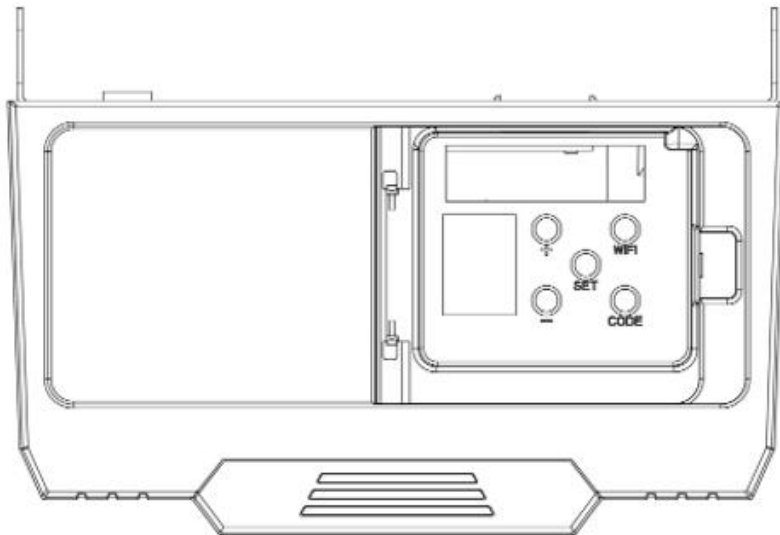
CLUTCH UNLOCKING OPERATION



MANUAL UNLOCK

Pull the rope down (1) until the lever is unlocked: in stage(2), You can now open the door manually :(3). To restart the engine, move the rope and door in the same direction as in the example above (4). The unlocking mechanism will automatically re-engage during the first operation.

PROGRAMMING



Coding & Adding New Remote Controls

Follow these steps to add new remote controls to the opener.

Press the " **CODE** " button once and "  " will appear on the screen:



Press the remote control button twice, Letter "  " will flash a few times on the screen showing remotes added successfully.



Transmitter programming confirmed. Display screen then shows "  " as main menu:

REMOVE TRANSMITTERS

Press the " **CODE** " button until the Display Screen goes Clear/Blank, confirming the deletion of all previously paired transmitters is complete.

*To control the opener by remotes, please pair the opener with remotes again through the learning process above.

Opening & Closing Travel Limit Setting

- Set the door's fully open and fully closed positions to define its travel range.
- Always ensure the door is fully closed before starting.

Warning:

During adjustment, the door will move. Improper setup may result in damage or injury.

Ensure you have a clear view of the door.

Keep people, pets, and objects away from the door to avoid injury.

Stand clear of the door's path and keep others away.

Press the " **SET** " button once until "  " appears on the screen



Press the " **SET** " button once again "  " flashes rapidly, Door **Open Limit** can be set now:



Press/Hold " **+** " button until the door has reached the required/ideal open position
(Fine adjustments can be made at this point using " **-** ")



Press " **SET** " button to Save



Meanwhile "  " flashes indicating that the closed position can now be set :



Press " **-** " button until the door has reached the required closed position
(Fine adjustments can be made at this point using " **+** " and " **-** " buttons)



At the ideal closed position, Press " **SET** " button to save



At this stage, the door will automatically perform a full open and close cycle.

This process sets the opener's travel parameters and confirms that the current travel limits have been successfully saved.

OPENING FORCE ADJUSTMENT

- Set how much force the motor applies when lifting the door.
- Increase if the door is heavy or opens unevenly slowly or get stuck.
- Use with caution to avoid motor strain and strong rebound/reverse impact.

1. Press the " **SET** " button once until "  " appears on the screen



2. Press " **+** " button until "  " flashes then press " **SET** " to initiate programming force



"  " flashes showing door **opening** force now be adjusted



Press " **+** " " **-** " button to choose Power levels; When chosen, Press " **SET** " button to save.

Level 1 correspond to smallest / minim GDO opening pwer, level 8 correspond to maximum opening power:

DISPLAY No.	1	2	3	4	5	6	7	8
Level	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8

(*The factory default is set to Level 5.)

CLOSING FORCE ADJUSTMENT

Adjust the force used when closing the door. Increase if the door struggles to close completely or keeps autoreverse unexpectedly,



“ ”flashes showing door closing force now be selected



Press “+” or “-” button to choose levles, when chosen, Press “ **SET** ” button to save.

Level 1 correspond to smallest / minim GDO Closing power, level 8 correspond to maximum Closing power:

DISPLAY No.	1	2	3	4	5	6	7	8
Level	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8

(*The factory default is set to Level 5)

PHOTOCELL OPENING/CLOSING FUNCTION SETTING

Enable or disable the safety beam's reaction during door opening or closing.



Press the “**SET**” button, “ ”flashes and appears on the screen



Press “+ ” button until “ ” flashes on the display screen,



then press “**SET**” again to initiate photocell function setting:



Press “+” “-” button to choose opened or closed; After chosen, Press “ **SET** ” button to save changes.

LED	1	2
Status	CLOSED/ turned OFF	OPENED/ turned ON

(*The factory default is set to: Closed/ turned OFF)

Important: If connecting and using an IR sensor, make sure to **enable/turn ON the infrared photocell function** in the main settings menu of the app or in the garage door opener setting menu.

AUTO-CLOSE TIMER

Set how long the door stays open before it closes automatically (in seconds).

Press the "SET" button, "" flashes on the screen

Then Press "+" button until "" flash, Press "SET" button to enter auto-close timer setting.

Press "+" or "-" button to choose the auto close timer; After chosen, Press "SET" button to save changes.

0	1	2	3	4	5	6	7	8	9
AUTO CLOSE OFF	10 seconds timer	20 seconds timer	30 seconds timer	40 seconds timer	50 seconds timer	60 seconds timer	90 seconds timer	120 seconds timer	180 seconds timer

(*The factory default is set to: Auto CLOSE function: OFF)

Ventilation Opening (%)

Set how much the door opens in ventilation mode (as a percentage of full height).

Use For Fresh Air or Safer In-door Package Delivery.

Press the "SET" button, "" flashes and appears on the screen

Press "+" button until "" flashes then press "SET" to initiate Door ventilation height setting

Press "+" or "-" button to choose ratio; when chosen, Press "SET" button to save
(The factory default for ventilation is set to: Closed)

LED	0	1	2	3	4	5
Opening Ratio (%)	0% Ventilation Closed	5% Open	10% Open	15% Open	20% Open	40% Open

Light Delay Timer Setting

Set how long the Opener light stays on after Motor operation (in seconds).

Press the "SET" button, "" flashes and appears on the screen

Press "+" button until "" flashes then press "SET" to initiate lighting time setting

Press "+" or "-" button to choose light timer; when chosen, Press "SET" button to save

LED	1	2	3	4	5	6
Time (Min.)	1mins	2mins	3mins	4mins	5mins	6mins

(*The factory default is set to 6 minutes)

Single Panel Tilt Door's Strong Close time Setting

ONLY use this function for tilt garage door panels,
Do not use this function on sectional garage door panels.

Press the "SET" button, "" flashes and appears on the screen,

Press "+" button until "" flashes then press "SET" to initiate single-piece garage door closing start time setting

Press "+" "-" button to choose time; when chosen, Press "SET" button to save

LED	1	2	3	4	5
Time (Sec.)	1secs	2secs	3secs	4secs	5secs

(*The factory default setting is set to level 1)

DOOR OPENING/CLOSING SPEED SETTING

Press the "SET" button, "" flashes and appears on the screen

Press "+" button until "" flashes then press "SET" to initiate door opening/closing speed setting

Press "+" "-" button to choose speed; when chosen, Press "SET" button to save

LED	0	1
Speed	Normal	Slower by 20%

(*The factory default is normal speed). Only set this function on if a slower operation speed is desired.

SETTING THE SERVICE CYCLE COUNTER

Track and reset the number of door operation cycles since installation or last maintenance.



Press the "SET" button, " " flashes and appears on the screen



Press "+" button until " " flashes then press "SET" to initiate cycle counter setting



Press "+" or "-" button to choose cycle; when chosen, Press "SET" button to save

LED	1	2	3
Cycles	1500 cycles	2500 cycles	3500 cycles

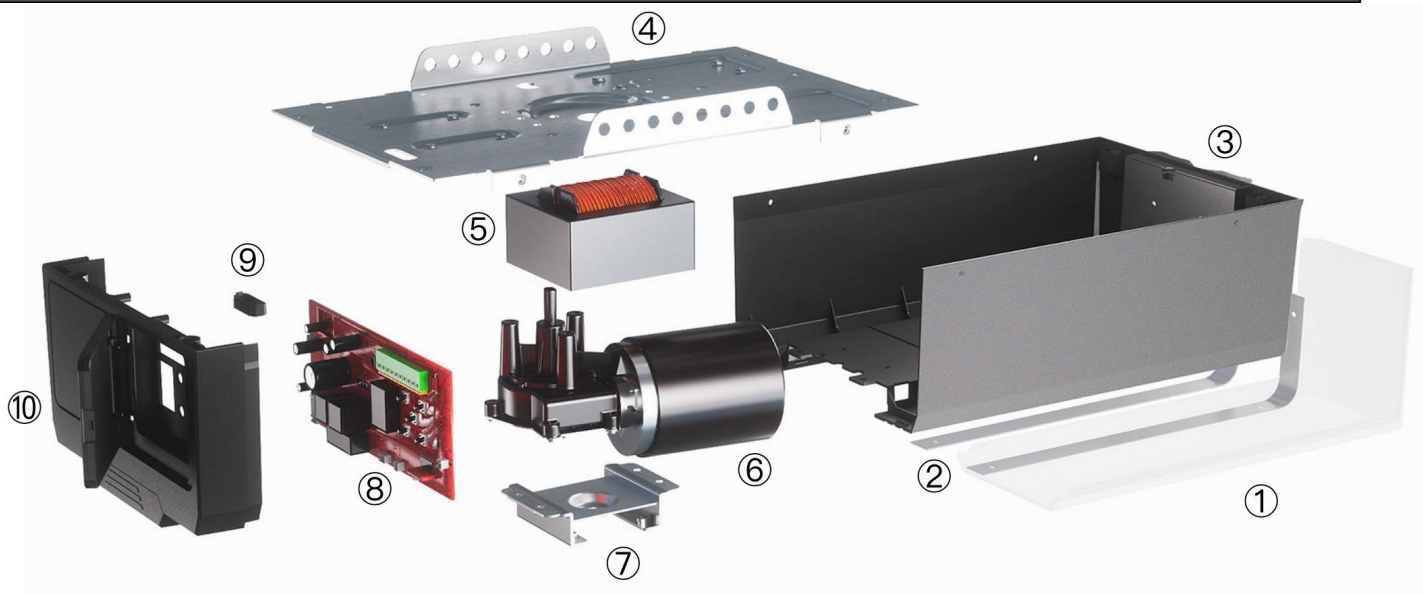
(*The factory default is set to Level 2: reminds at 2500cycles)

Optional accessory* Smart Remote Control Functional Buttons



- Button 1: Door Control Function Button
- Button 2: Door Control Function Button
- Button 3: Ventilation/Partial Open Button
- Button 4: LED light ON/OFF button.

Motor Components Explode Diagram



Item	Qty	Description
1	1	LED Light Cover
2	2	LED Light
3	1	Main Cover
4	1	chasis
5	2	Transformer
6	1	DC Motor

7	1	transformer Chassis
8	1	Control Logic Board
9	1	Control Panel Cover
10	1	Setting Panel



OPTIONAL - WIFI CONNECTION

INSTALL WIFI APP

Download and install the "TUYA" SMART LIFE app from Google Play or Apple App Store, then register as a new user .



Tuya Smart App



Smart Life App

ADD DEVICE

- Press and hold the "WIFI" button until the LED indicator on the display screen flashes and the module enters the network configuration status.
- Open the SMART LIFE app and go to the home page. Click "+" in the upper right corner, then "Add a device."
- Please note that Wi-Fi, Bluetooth, and Location must be turned on to configure the device. Click Start Scan to automatically scan devices and add them if necessary.

Note : If the device is not added, the WiFi network may have a weak signal, incorrect password, or incorrect network name.

