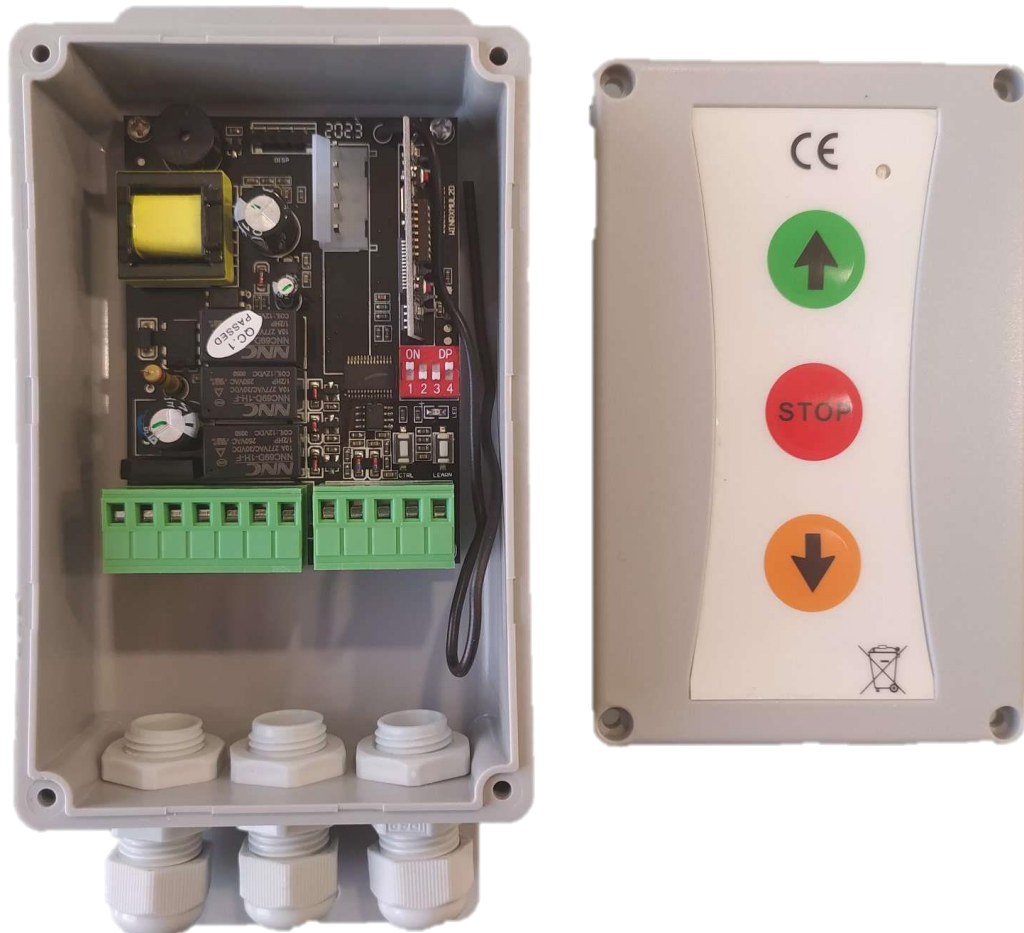# SHUTTER 2.0

ROLLER SHUTTERS CONTROL BOARD100-250V AC 433MHZ

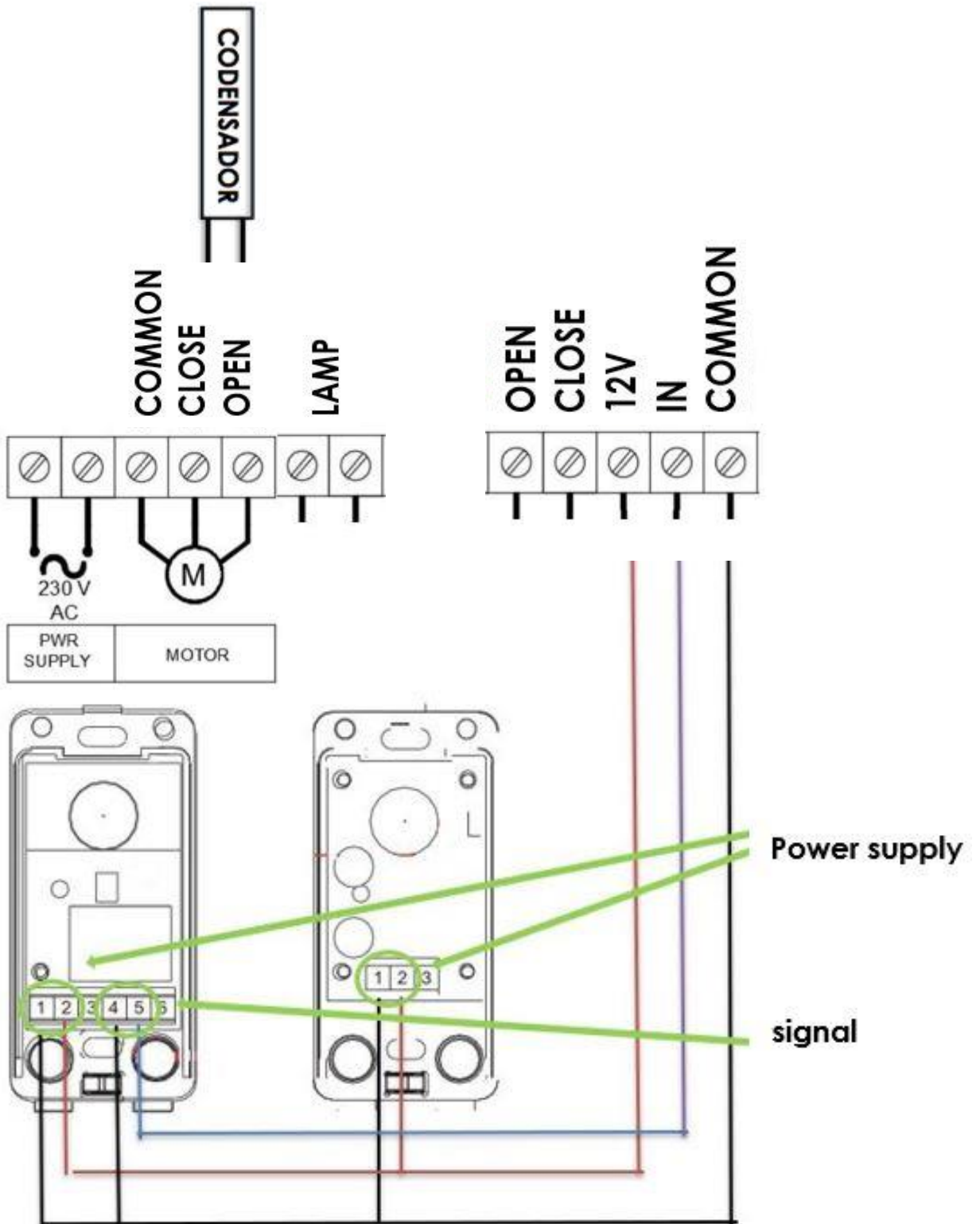

Control boardfor roller shuttersfrom 100-250V AC, with multibrand and multifrequencyreceiver RX-Multi integrated (433 MHz frequency). Up/down input switches (configurable as dead man, direct order or sequential switch).Automaticclosure and photobeamsignal input availables and lamp.

DS052C SHUTTER 2.0

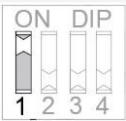## CONNECTIONS

SHUTTER 2.0

NOTE:

The lamp work by 1 minute.

-Power supply accessories (terminals 12V DC and COMMON): connect to feed with direc tcurrent 12Vtophotocell.

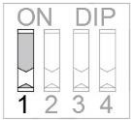- Open / Close button: connect12V and Open / Close, as desired.

-Safety devices: connect the signal of return of the device to the board betweenthe terminal of COMMON and IN.
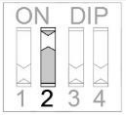
DIP SET UP

1 LIMIT SWITCHES /DEAD MAN

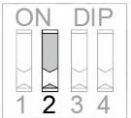**ON** Dead man switch(at 12V, Opening and Closing terminals).

OFF Limit switches (at 12V, Opening and Closing terminals).
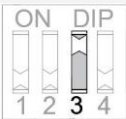
2 DEAD MAN IN OPENING MANEUVER (DIP 1 ON)

ON To startopening maneuver, is neccessary to hold pressed the transmitter's button or the PROG switch. Ifthebuttonisnotheld, maneuverwill stop.
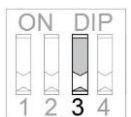
OFF Opening is set as direct order operation.

3 DEAD MAN IN CLOSING MANEUVER (DIP1 ON)
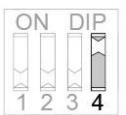
ON To start the closing maneuver, hold pressed the transmitter's button or the PROG button.Ifthebuttonisnotheld, maneuverwill stop.
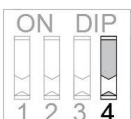
OFF Closing is set as direct order operation.
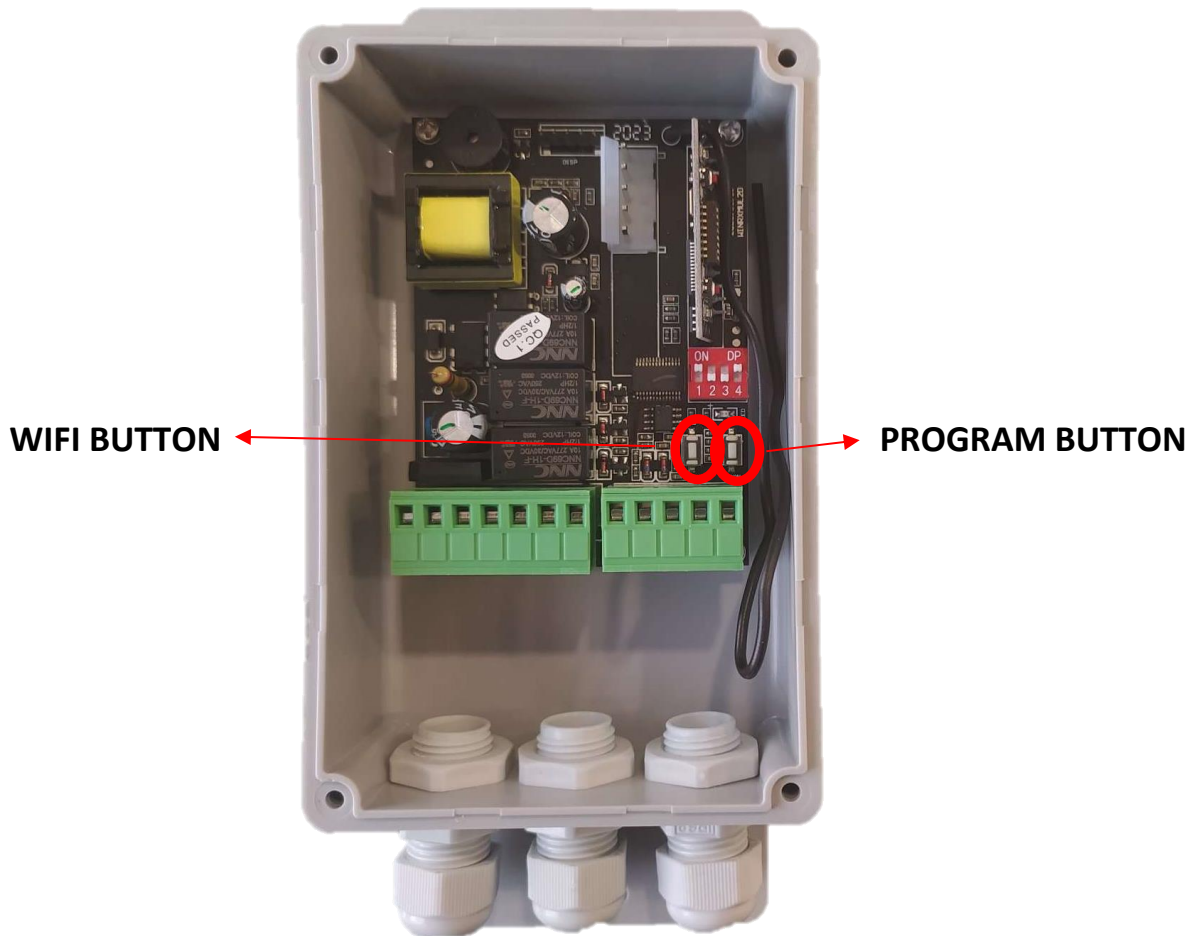
4 PHOTOBEAM

ON Photocell is disabled (It is not neccessary to bridge the security input). Automatic closure is not available with this position.

OFF Photobeam is enabled. This configuration allows the programmation of optional automatic closure.

DS052C SHUTTER 2.0

PROGRAMMATION

WIFI BUTTON ←————————————————→ PROGRAM BUTTON

OPTION 1 – MANEUVERS TIME PROGRAMMING

Press LEARN button until 1 beeps sound that means it is on maneuvers time programming.

OPTION 2 (DIP 1 ON)	OPTION 2 (DIP 1 OFF)
UP-DOWN / SEQUENTIAL SWITCH	**STEP BY STEP/INVERSION TO CLOSURE**
Press LEARN button, until it beeps 2 times, this means up/down option is on. When the button is released,it will automatically change to sequential switch and viceversa.	Press LEARN button until it beeps 2 times. This means inversion to closure option has been selected. When releasing the button, menu changes to inversion to closure and viceversa.
One longbeepwill indicate the up/down selection.	One shortbeep means step by step selection.

SHUTTER 2.0

**This option can ONLY be done
with the transmitter**

OPTION 3 –MEMORY ERASING

Press LEARN button until it beeps 4 times. Thisindicatesthe erasing mode is activated. When releasing the button all channels and remotes will be erased.

*Note: once the memory has been deleted, it is MANDATORY to repeat option 1 for the correct functioning of the control board.

REMOTE PROGRAMMING

SELECT THE CORRESPONDING COMBINATION FOR THE DESIRED BRAND. SEE TABLE

| PRESS RED BUTTON | LED ON PRESS BUTTON | FLASHES | SAVE & EXIT |
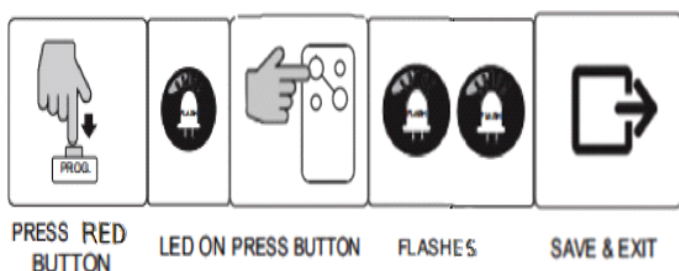
**** THE RED BUTTON IS LOCATED ON THE RECEIVING BOARD (INSTALLED PERPENDICULAR TO THE BOARD), LIKE THE LED.
MANEUVERS TIME PROGRAMMING**

Before programming, check the correct instalation of the limit switches (in case they are installed). The door must be closed.
The orders are given by pressing LEARN button or an already programmed remote.

1. Select option 2 from the MENU: Press LEARN until you hear 1 beep (the maneuver time programming mode has been activated).

2. Press LEARN, the door will begin the opening maneuver. If the limit switches have been selected, it will stop at the opening limit switch and you will give the command at the end of the maneuver (press LEARN)

3.Once opening maneuver finishes, control board awaits foran order to start closing maneuver. If activated within 5 seconds, manual mode will be activated; if activated after 5 seconds, automatic closing mode will be set up and thetime elapsed from the end of opening tothe start of the closing maneuver will be programmed as stand-by time.

> ***In case photobeam is DISABLED (DIP 4 ON):** Automatic closure is not available at programming maneuver option from the menu (dueto security reasons).

> ***In case photobeam is ENABLED (DIP 4 ON) but not installed by the user:**The control board will block itself and no closure maneuver will be allowed, showing to the user there is a mistake and its programmation.

4.The door will only stop by pressing the limit switches when these are installed. Then, 1 beep will indicate the end of the closing maneuver and the exit from the timing programmation.

Repeat the procedure if you need to modify the programmation.

Attention: O/S/C button activates function **OPEN/STOP/CLOSE**.
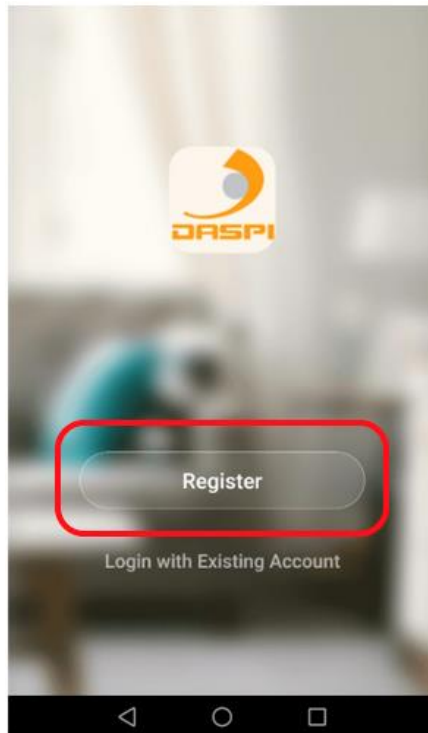
PROGRAMING A DEVICE
(only if you device have wifi)
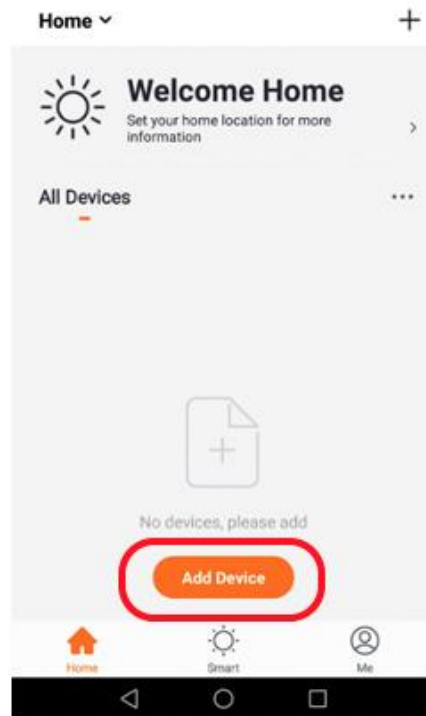
SHUTTER 2.0

1- Download the "DASPI" App   on:

2- Create an account

3-Press on "ADD DEVICE"

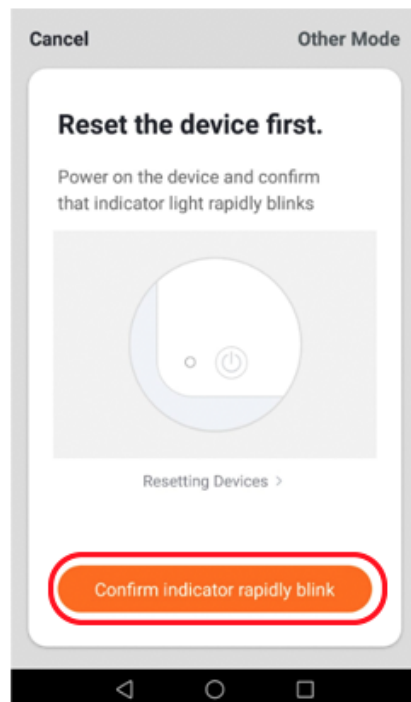4- Choose the kind of device to be added. In this case: **"SLIDING GATE DASPI"**

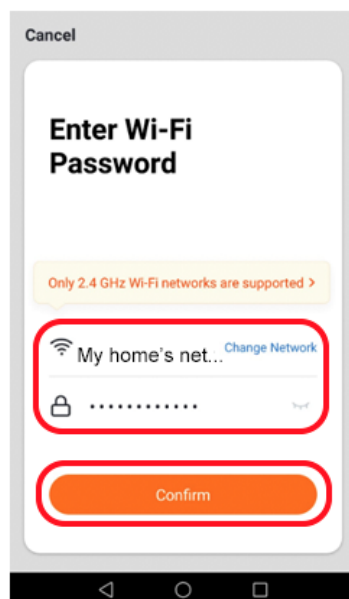5- Check the device is connected to the power and them press on **"Confirm indicator rapidly blink"**

6- Connect your phone to the WiFi network the control board will work with.
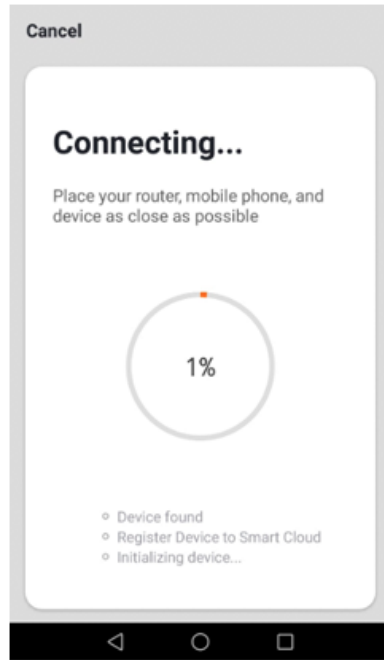
7- Choose the WiFi network on the App and introduce the password to let the receiver what network should use. Press **"Confirm".**
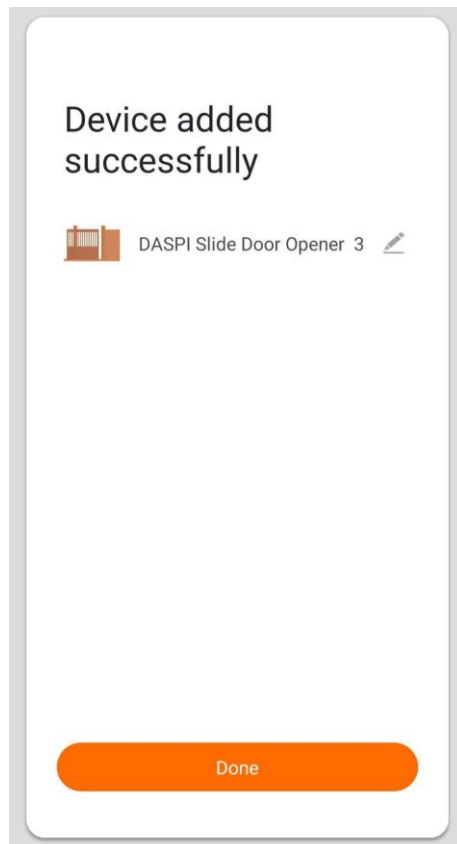

8- Keep pressed the button "PROG TIME" on the receiver for few seconds until the red LED starts flashing.

9- The receiver has been correctly added. Press **"Done"**

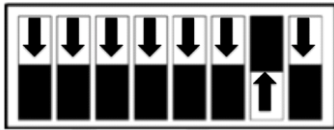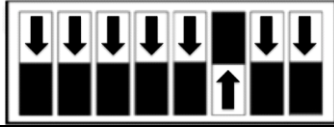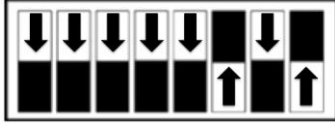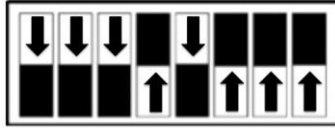10- Once the receiver has been added, we can control de device with the smartphone.

SHUTTER 2.0

TECHNICAL CHARACTERISTICS

Power supply	100 – 250V AC +/- 10%
Motor power	736 W / 1 CV
Max. Functioning time	2 min.
Max. Closing time	2 min.
Code combinations	72.000 billion codes
Number of codes	31 codes
Code programming	Self-taught
Sensitivity	Better than -100dBm
Distance	Max 70 meters
Aerial	Incorporated
Working temperature	-20ºC to 85 ºC

ITEM	SELECTION DIP	BRAND/MARCA	FREQ	ORIGINAL
1	1 2 3 4 5 6 7 8	**NICE FLORS**	433.92 MHz	
2	1 2 3 4 5 6 7 8	**MARANTEC**	433.92 MHz	
3	1 2 3 4 5 6 7 8	**Universal Fixed Code** **Código Fijo**	433.92 MHz	Fixed Code
4	1 2 3 4 5 6 7 8	**FAAC SLH Rolling Code**	433.92 MHz	
5	1 2 3 4 5 6 7 8	**Liftmaster**	315 MHz	

6	1 2 3 4 5 6 7 8 (dip switch)	**Liftmaster**	390 MHz	
7	1 2 3 4 5 6 7 8 (dip switch)	**Liftmaster**	433.92 MHz	
8	1 2 3 4 5 6 7 8 (dip switch)	**Universal Rolling Open Code**	433.92 MHz	Open Code
9	1 2 3 4 5 6 7 8 (dip switch)	**Universal Rolling Open Code**	315 MHz	Open Code
10	1 2 3 4 5 6 7 8 (dip switch)	**Universal Rolling Open Code**	318 MHz	Open Code
11	1 2 3 4 5 6 7 8 (dip switch)	**Universal Rolling Code**	868 MHz FSK	Rolling Code
12	1 2 3 4 5 6 7 8 (dip switch)	**Universal Rolling Code**	868.3 MHz ASK	Rolling Code
13	1 2 3 4 5 6 7 8 (dip switch)	**Universal Fixed Code** **Código Fijo**	300MHz	Fixed Code

14	1 2 3 4 5 6 7 8	Universal Fixed Code Código Fijo	310 MHz	Fixed Code
15	1 2 3 4 5 6 7 8	Universal Fixed Code Código Fijo	315 MHz	Fixed Code
16	1 2 3 4 5 6 7 8	Universal Fixed Code Código Fijo	318 MHz	Fixed Code
17	1 2 3 4 5 6 7 8	Universal Fixed Código Fijo	330 MHz	Fixed Code
18	1 2 3 4 5 6 7 8	Universal Fixed Code Código Fijo	390 MHz	Fixed Code
19	1 2 3 4 5 6 7 8	Liftmaster Rolling Code Billioncode	390 MHz	
20	1 2 3 4 5 6 7 8	Liftmaster Rolling Code	315 MHz	
21	1 2 3 4 5 6 7 8	Hormann Marantec Berner	868 MHz	

22		**FAAC SLH**	868 MHz	
23		**Prastel**	433.92 MHz	
24		**Sommer**	868 MHz	
25		**Sommer**	433.34 MHz	
26		**Liftmaster Rolling Code**	868 MHz	
27		**Clemsa Mastercode**	433.92 MHz	
28		**DITEC**	315 MHz	

29	1 2 3 4 5 6 7 8	**DITEC**	390 MHz	
30	1 2 3 4 5 6 7 8	**DITEC**	433.92 MHz	
31	1 2 3 4 5 6 7 8	**V2**	315 MHz	
32	1 2 3 4 5 6 7 8	**V2**	390 MHz	
33	1 2 3 4 5 6 7 8	**V2**	433.92 MHz	
34	1 2 3 4 5 6 7 8	**MARANTEC**	868.80 MHz	
35	1 2 3 4 5 6 7 8	**JCM TECH JCM**	868.3 MHz	

36	1 2 3 4 5 6 7 8	JCM GO	868.3 MHz	
37	1 2 3 4 5 6 7 8	Aprimatic Encrypted Code	433.92 MHz	
38	1 2 3 4 5 6 7 8	Aprimatic Encrypted Code	868.3 MHz	
39	1 2 3 4 5 6 7 8	P.N.C.	868.3 MHz	
40	1 2 3 4 5 6 7 8	MAP	868.3 MHz	
41	1 2 3 4 5 6 7 8	FORSA	868.3 MHz	

42		**ALMA**	868.3 MHz	