



# BLE-S



## INSTALLATION MANUAL

1.ÍNDICE

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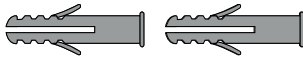
## 2.INTRODUCTION

Installation manual for the BLE-S slave reader, reader that allows the opening by using proximity credentials in two frequencies 125Khz and 13.56MHz.

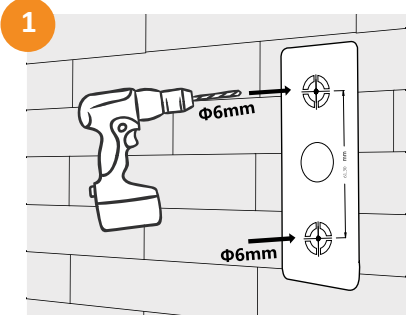
## 3.SPECIFICATIONS

|                                 |                            |
|---------------------------------|----------------------------|
| Material                        | ABS plastic in black color |
| Protection rating               | IP-65                      |
| Input voltage                   | 12Vdc                      |
| Current                         | ≤50mA                      |
| Reading frequency               | 125KHz and 13.56MHz        |
| Reading distance                | ≤5cm                       |
| Card number transmission format | Wiegand 26-37              |
| Dimension (W x H x D):          | 48(W) x 107(H) x 23(D)mm   |
| Working temperature range:      | -20 ~50° C                 |
| Working humidity range:         | 0-95% (non-condensing)     |

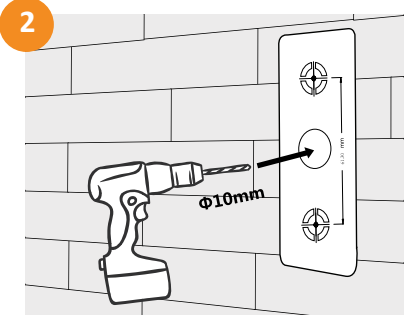
## 4.TABLE OF CONTENTS

|                                                                                                    |                                                                                     |                        |
|----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------|
| <br>BLE-S reader |    | Wall fixing blocks     |
|                                                                                                    |  | Screws                 |
|                                                                                                    |  | Sticker to cover screw |

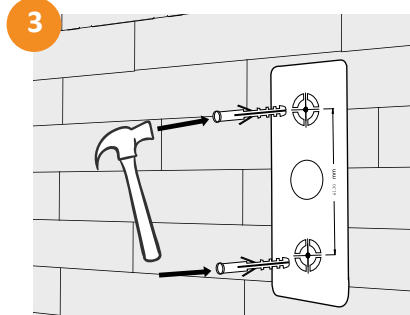
5.INSTALLATION



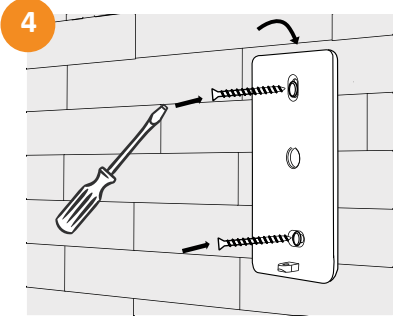
Drill 2 holes of 6mm  $\Phi$  and a depth of 26mm with a distance between them of 61.30mm.



Drill a hole in the central part of 10 mm  $\Phi$  for the wiring exit.



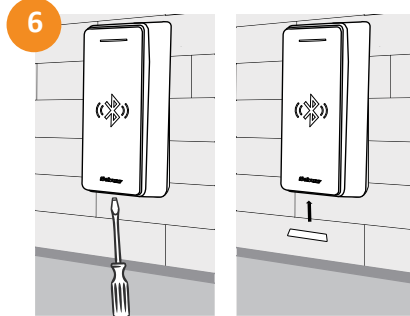
Place the two fixing blocks in the holes.



Fix the bracket to the wall with the 2 screws.



Pass the wires through the 10mm hole  $\Phi$  and connect the wires.

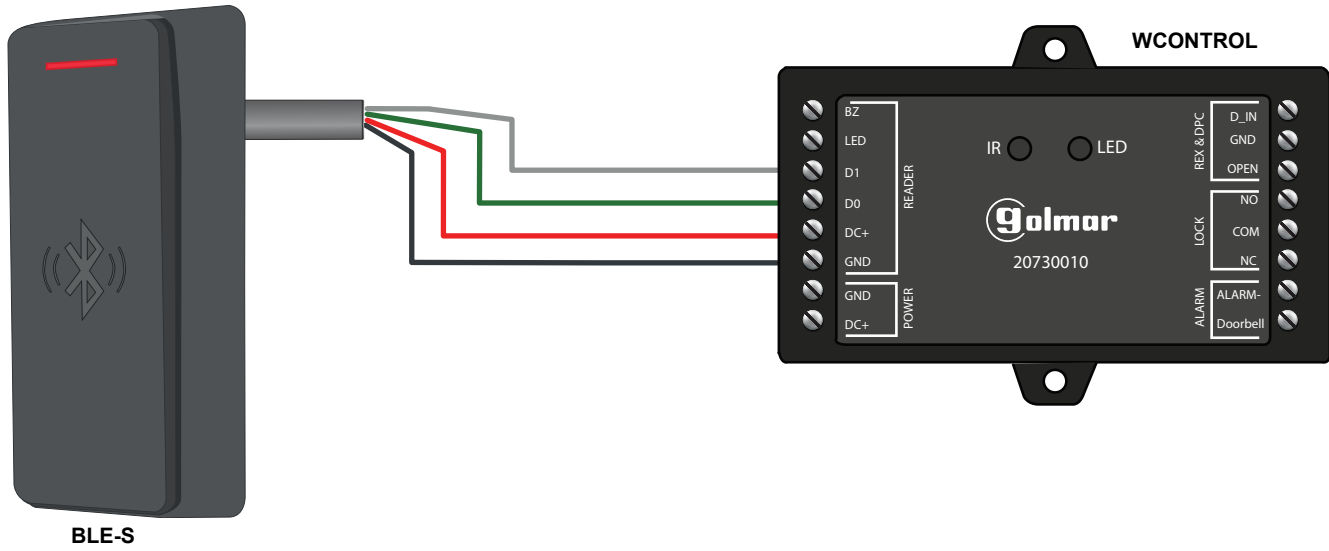


Place the reader on the bracket from top to bottom, then fix the screw at the bottom. Finally, place the decorative sticker hiding the screw.

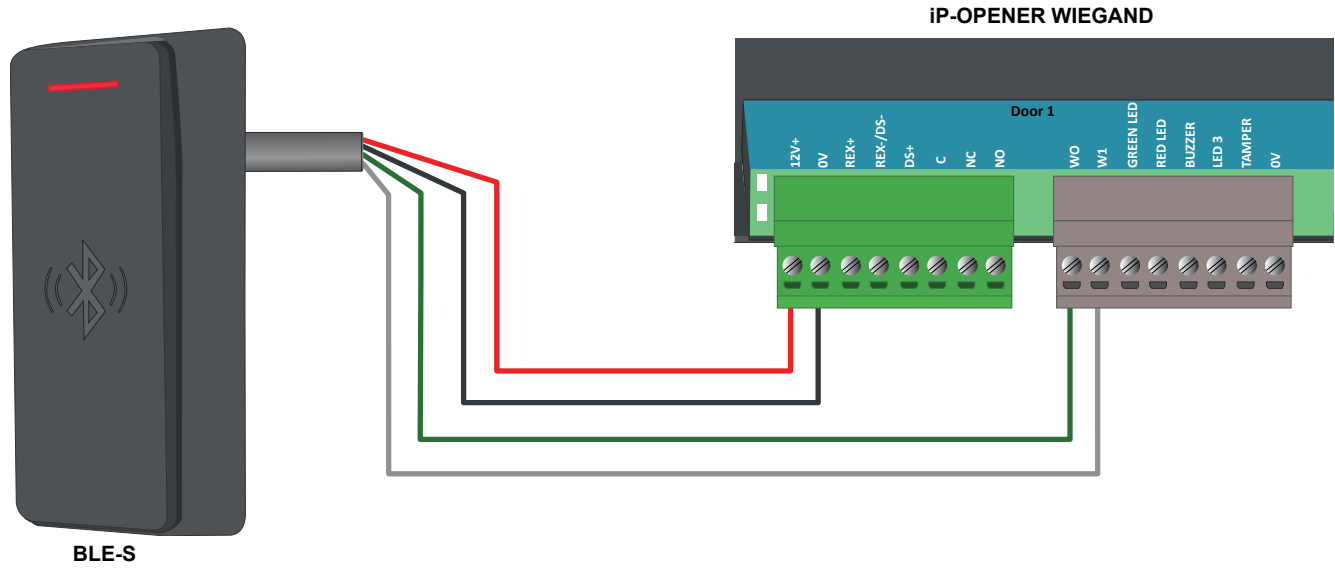
6.CONNECTION

| CABLE COLOR | FUNCTION | DESCRIPTION             |
|-------------|----------|-------------------------|
| Red         | 9-24Vdc  | 9-24V DC input          |
| Black       | GND      | GND                     |
| Green       | D0       | Wiegand Data 0 output   |
| White       | D1       | Wiegand Data 1 output   |
| Brown       | Led      | Led status in reader    |
| Yellow      | Buzzer   | Buzzer status in reader |

7.WCONTROL CONNECTION DIAGRAM



8.iP-OPENER CONNECTION DIAGRAM



9.PROGRAMMING

9.1. WCONTROL PROGRAMMING

Below is a summary of how to proceed with the registration of proximity credentials in WCONTROL, more detailed information can be found in the manual “IM\_ENG\_REV0125\_WCONTROL”.

Perform one of the following sequences by using the remote control to register cards or keyfobs in WCONTROL controller:

CARD REGISTRATION (AUTO ID)

Automatic card registration.

|                             |             |               |   |
|-----------------------------|-------------|---------------|---|
| Enter to administrator mode |             |               |   |
| *                           | MASTER CODE | #             | 1 |
|                             |             | APPROACH CARD |   |

Example: \* 987654 # 1 APPROACH CARD

CARD REGISTRATION (SPECIFIC ID)

Maximum number of records is 990. User IDs from 0 to 989.

|                             |             |                    |   |
|-----------------------------|-------------|--------------------|---|
| Enter to administrator mode |             |                    |   |
| *                           | MASTER CODE | #                  | 1 |
|                             |             | USER ID<br>(0-989) | # |
|                             |             | APPROACH CARD      |   |

Example: \* 987654 # 1 1 # APPROACH CARD

IMPORTANT: do not enter user IDs with zeros before the ID value.

9.2. iP-OPENER PROGRAMMING

Below is a summary of how to proceed with the registration of proximity credentials in iP-Opener, more detailed information can be found in the manual “USM\_ENG\_REV0124\_IPOP\_END\_USER\_MANAGEMENT”.

EM CARD REGISTRATION

Create a user with “Other (decimal)” credential and register the ID of the TAGKEY ID keyfob or PROKEY ID card. In case you have the GM-USB-125 programmer, pass the ID through it after creating the “Other (decimal)” credential.

Other (decimal)

Type Other (decimal)

Code (numeric) 0013412891

Colour

MIFARE CLASSIC CARD REGISTRATION

Create a user with a “Proximity token 1356” credential and register the ID of the KEYPROX SE keyfob or ISOPROX card. In case you have the GM-USBIPOP programmer, pass the ID through it after creating the “Proximity token 1356” type credential.

Proximity token 1356

Type

Proximity token 1356

Code

7013EBA6

Colour



MIFARE PLUS CARD REGISTRATION

Create a user with “Mifare+” credential and register the ID of the TAGDOOR MF+ keyfob or CARDDOOR MF+ card. In case you have the GM-USBIPOP programmer, pass the ID through it after creating the “Mifare+” type credential.

Mifare+

Type

Mifare+

Code

8077477A936604

Colour



This image shows a full page of white paper with horizontal dashed lines, typical of primary school handwriting practice paper. The lines are evenly spaced and run across the entire width of the page. There are no margins, text, or other markings present.



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