



ECO RISE BOLLARD

WIRELESS AUTOMTIC BOLLARD

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Eco Rise

Battery powered wireless automatic bollard

The Eco Rise Reinforced Stainless Steel Automatic Bollard is one of the most popular driveway bollards we install. The Eco Rise is controlled with the use of a handy fob, with just 4-seconds rising time. This bollard is a battery operated solution with no wires needed. The battery itself is capable of lasting for 6 months before needing to be recharged.



Shaft Diameter	219 mm
Shaft Height	600 mm
Impact resistance	>579000J
Withstand pressure	>50T
Raising/Falling time	5/3 seconds
Operator type	Electro Mechanical.
Transmitter	Key Fob included x 2
Motor power supply	DC 36V
Rated Power	400W
Protection class	IP67
LED Light Crown	Included
Drainage system	No drainage required

Introduction

01

Wireless Operation

The system is completely wireless, removing the need for excavation or cabling, ensuring a faster and cleaner installation.

02

Remote Key Fob Control

A programmable remote key fob allows unique installations, providing secure access and ease of use for all users.

03

High Security Protection

Engineered to withstand impact, this bollard offers protection against unauthorised vehicle access in sensitive or high-risk locations.

04

Sustainable Design

Made from recyclable materials, it provides a sustainable solution without compromising durability, strength, or long-term reliability.

05

Fully Sealed Unit

The sealed design prevents water ingress, removing drainage needs and enhancing operational lifespan in all conditions.

06

Weather & Corrosion Resistant

Built to endure extreme conditions, the protective coating resists rust, corrosion, and wear for long durability.

07

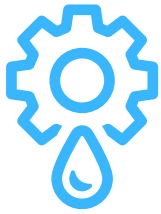
Certified & Tested

Fully tested to meet industry standards, ensuring superior impact resistance and compliance for high-security environments.

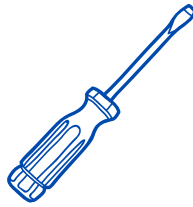


Tool Kit

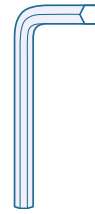
Each bollard is supplied with the following tool kit:



Grease



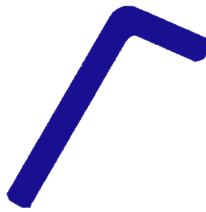
Screwdriver



Hex Key



Charger

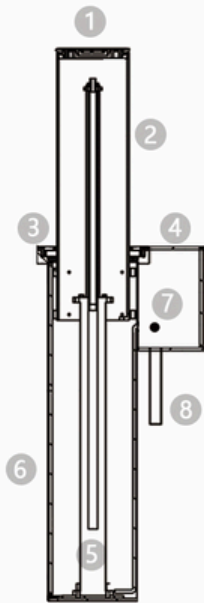


Disassembly Tool

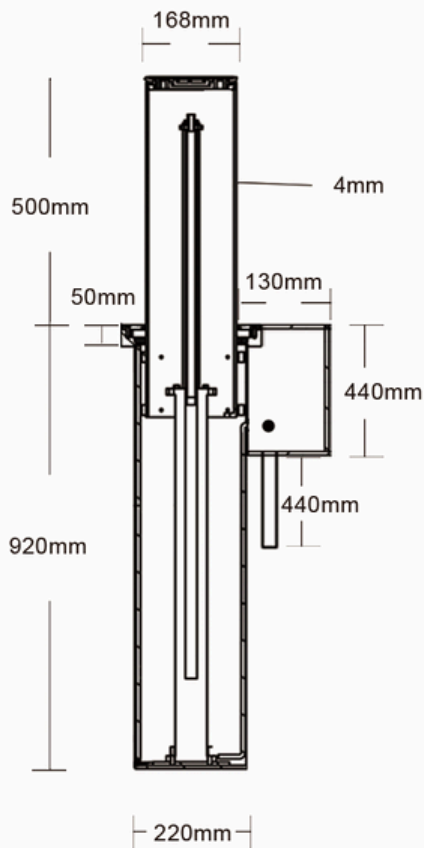


Screws

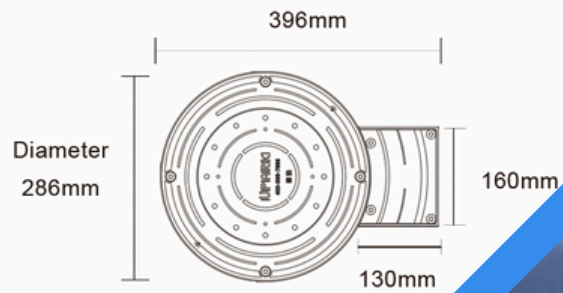
Dimensions



- ① LED light
- ② Shaft
- ③ Flange plate
- ④ Cover
- ⑤ Actuator
- ⑥ Casing
- ⑦ Casing
- ⑧ Drainpipe



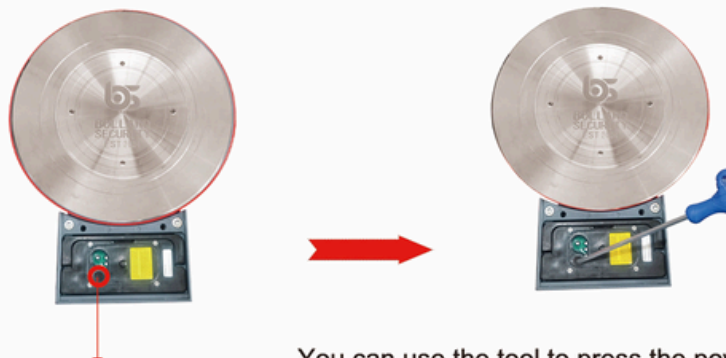
Side view



Top view

Master Reset

For first time use, you need to switch on the power switch, as shown in the picture below, use the tool to open the cover and find the power switch button, when pressed, a green light will flash and the warning light band will also light up.



Power switch button

You can use the tool to press the power switch directly, if you take out the switch cap, make sure to cover it back!



This remote control is equipped with functions such as binding and assigning codes, group control (2 groups), light control, etc. It is also paired with a Tape-C charging port to meet the needs of more user.

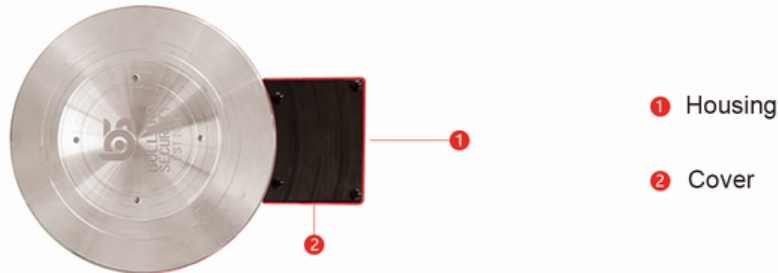
(A)	Group A --- Control first group bollards " UP " and " DOWM "
(B)	Group B --- Control second group bollards " UP " and " DOWM "
(C)	" STOP " button --- Control the bollard to stop when it is rising or lowering
(D)	" LIGHT " button --- Control the bollard lights on or off
(E)	Charging light --- Red light " Charging " --- Blue light " Fully Charged "

Note: The remote control is designed to be rechargeable with Tape-c socket, please do not use a high power charger, the output power of the charger should be no more than 5V 2A.

Programming

Remote control coding process

Remove the cover of the control panel and locate the "magnet" in remote fob box

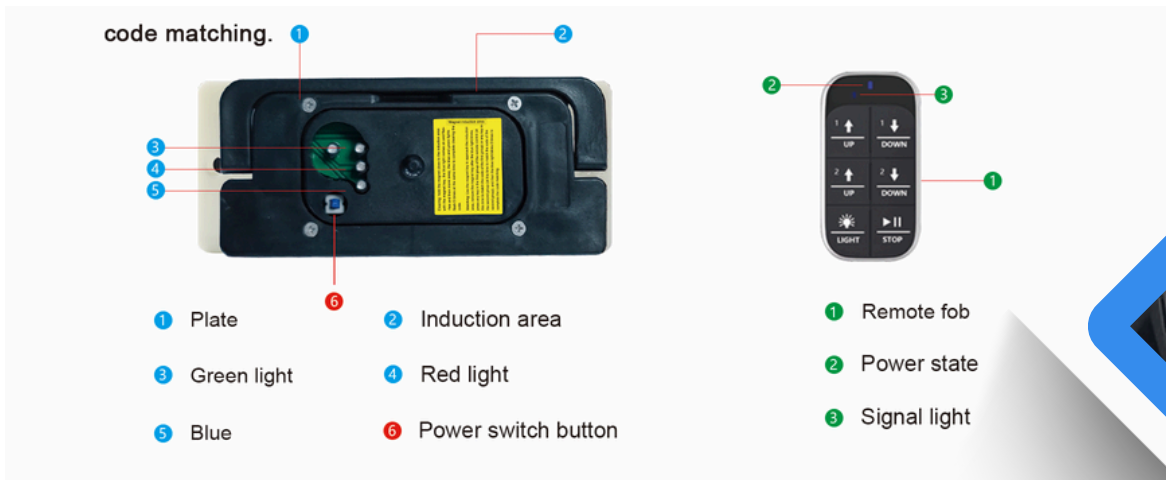


Clearing

Hold the magnet close to the induction area with the magnet key. The blue light comes on and flashes and then move away, the blue and green lights flash 5 times at the same time to complete clearing the code.

Pairing

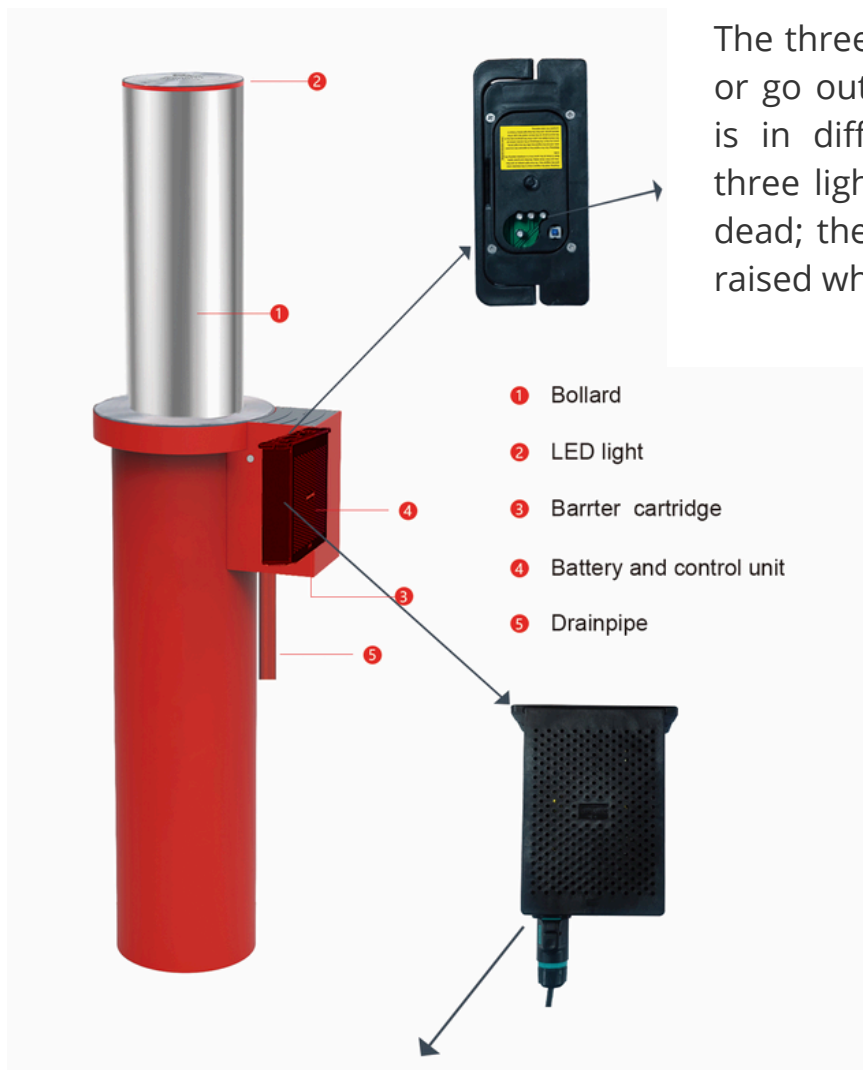
Use the magnet key to approach the induction area, remove the magnet key after the blue light blinks, press any key in the first group of the remote control (at this time to match the code of the first group) or any key in the 2nd group (at this time to match the code of the second group) and then the blue light blinks 5 times to complete the code matching



Battery

Determining the battery level

The warning light of the bollard will turn off when the battery is low. The bollard light will flash fast many times when the Remo e fob is pressed to operate the bollard or switch the LED light on/off.



The three lights will show different lights or go out in sequence when the battery is in different power states. When all three lights go out, it means completely dead; the bollard may not be able to be raised when the battery has low power

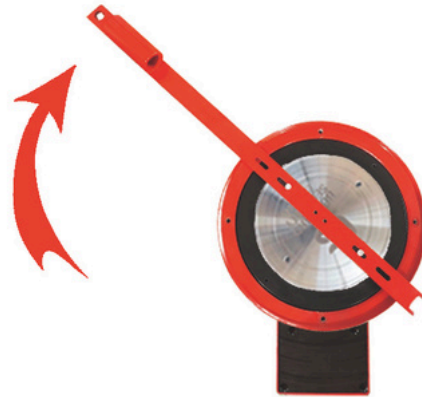
This port is also the charging port. When the power is low, please remove the controller (battery system) and charge with the supplied charger.

Emergency Release

1. Remove the cover with the dismantling kit.

1. Attach the dismantling kit to the LED light set cover with the four auxiliary screws.

2. Turn clockwise to the position shown below and lift up to remove the LED light set cover.



2. Release the bollard's head.

1. Unscrew the 2 screws on the crossbar.

2. Lift the bollard's shaft, pivot the cross bar and lower the bollard's shaft.

3. After the shaft is lowered as shown in the picture

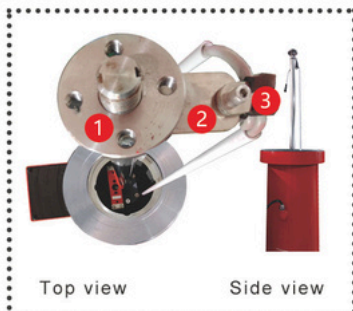


3. Unscrew the actuator and cover the LED light set cover.

1. Remove the fittings from the actuator.

2. Unscrew the actuator counter-clockwise.

3. Recover.



Charging

The bollard is powered by an internal battery. In order to ensure the correct operation of the bollard please charge the batteries in time with the supplied charger. Please pay attention to the status of the charger and disconnect when the battery is full. When using for the first time please charge the battery to ensure that it is fully charged.



- 1 Charger
- 2 Waterproof plug
- 3 Three-phase electrical plug



- 1 Battery with control unit
- 2 Wiring & charging port



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