

# Sebury®

Metal Access Fashion&Safe

## W3-A Two-Output Weather Resistant Surface Mount Keypad/Reader



### Main Features:

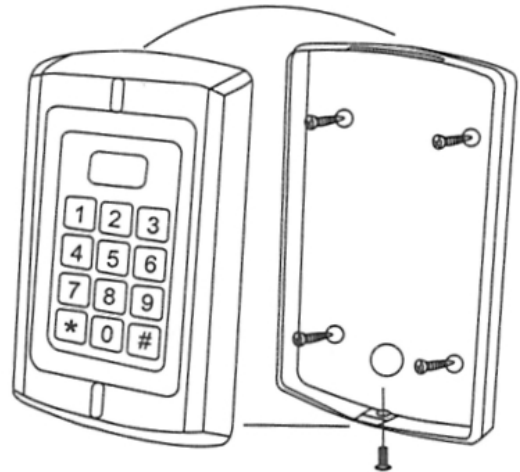
- ◇ Metal structure, anti-vandal, more secure, weather resistant design.
- ◇ Protective properties: IP65 fully-potted.
- ◇ Backlight keypad.
- ◇ Two-relay operation. Ideal for Main Vehicle and separate Pedestrian Access Control
- ◇ Pulse mode, toggle mode. Toggle Mode ideal for keeping pedestrian or vehicle gate open for extended periods.
- ◇ Up to 1,200 users (Output 1:1,100 users & Output 2:100 users).
- ◇ Support 3 Modes Access: Card, PIN or Card + PIN.
- ◇ High security PIN Option  
i.e. PIN Length 4-8 Digits
- ◇ Very low power consumption (  $\leq 35\text{mA}$ ), long service life and stable performance. Ideal for Solar Powered applications
- ◇ High Speed Search:  
When filled with 1,200 users, the search time  $< 0.1$  seconds.
- ◇ With anti-demolition alarm function .  
This feature can be used to disable the remote control of the gate from the keypad if the Keypad is removed from the wall/gatepost
- ◇ Product Certification: CE

### Specifications:

- ◇ Operating Voltage: 12-18V ac/12-24V dc
- ◇ Card Type: 125KHz EM
- ◇ Adjustable Door Relay Time: 1-99s on Output 1 or 2 or toggle (latch) on output 2
- ◇ Static Current:  $\leq 35\text{mA}$
- ◇ Card Read Range: 3-6cm
- ◇ Reader Induction Time:  $\leq 0.1\text{s}$
- ◇ Operating Temperature:  $-40^{\circ}\sim 60^{\circ}\text{C}$
- ◇ Operating Humidity: 0-95%
- ◇ Lock Output Load: 1A
- ◇ Alarm Output Load: 3A
- ◇ Antistatic: 15KV
- ◇ Environment: Conform to IP65
- ◇ Cable Length: 90-100cm
- ◇ Signal Light: red, green, blue, yellow LED light display
- ◇ Dimension: L128mm×W82mm×H28mm

## Installation

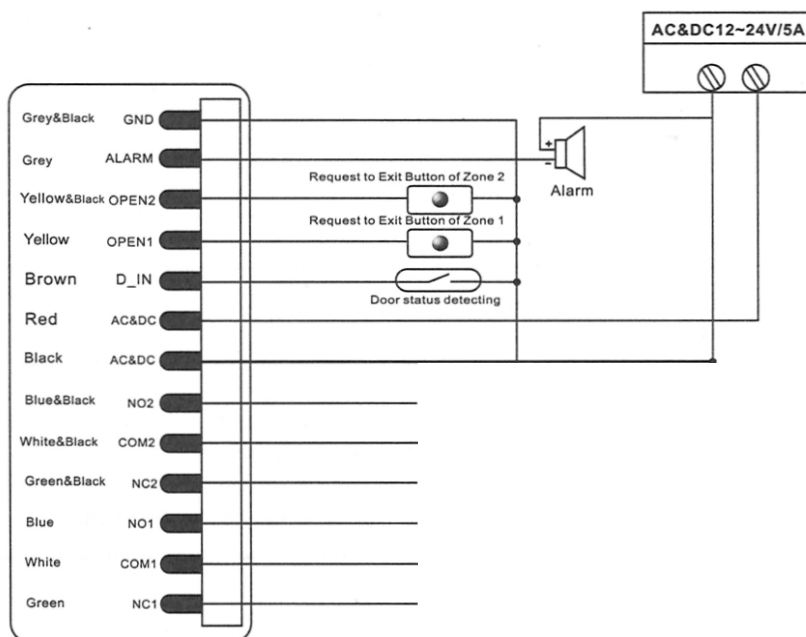
- > Remove the back cover from the keypad using the supplied security screwdriver
- > Drill four hole on the wall for the screws and 1 hole for the cable
- > Fix the back cover firmly on the wall with 4 flat head screws
- > Thread the cable through the cable hole
- > Use the supplied rubber bungs to waterproof the screw holes
- > Attached the Keypad to the back cover



## Connections

- > Both Output Relays can operate in 'Pulse' mode with programmable pulse length, (up to 99 seconds) suitable for opening a gate or a door.
- > Relay 2 can be configured in 'toggle' (latch) mode suitable for keeping a gate or door open for extended periods.  
A valid code would need to be presented to unlatch the relay
- > If the output 2 is not required to control a gate or door it can be configured as a Door Bell Button using the '#' key .  
**Note:** The Door Bell will operate for as long as the # key is pressed
- > Anti-demolition Alarm Function. The Alarm output can used in conjunction with a suitable interface relay can be used to disable the outputs from relays 1 & 2 at the device/controller being controlled to improve security should the Keypad be forced off the wall.

## Sebury W3-A Keypad Connection Diagram



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The Information contained in this document is subject to change without notice. 26 June 2019