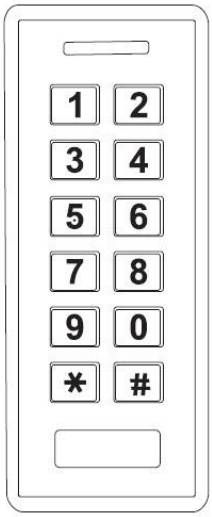
One Wire Keypad Reader

User Manual



1 Introduction

The device is a 1-Wire output keypad, with integrated proximity reader. It can read 125KHz EM & HID Card and 13.56MHz Mifare Card. The enclosure of keypad is made of thickened ABS, strong and durable; the keys are made of abrasion-proof euphotic silicone, convenient to use at night. Because of waterproof, it can be mounted either indoor or outdoor in harsh environments.

Features:

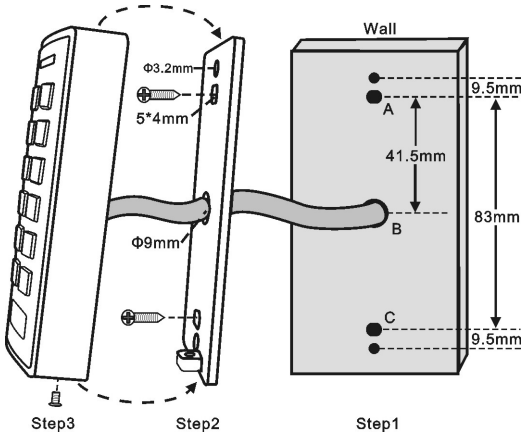
Waterproof, conforms to IP66
Standard 1-Wire output
Card type: HID Card, EM Card & Mifare Card
Reading range: 0~6cm

Specification :

Frequency	125KHz & 13.56MHz
Card Type	125KHz - EM & HID Cards/Fobs 13.56MHz - Mifare Cards/Fobs
Read Range	0~6 cm
Standby Current	≤35mA
Operating Voltage	9~80V DC
Operating Temperature	-40℃~60℃
Operating Humidity	0% RH ~ 95% RH
Color	Black
Index of Protection	IP66
Dimension	L122 x W50 x D21 mm
Net Weight	155g
Shipment Weight	210g

2 Installation

• Drill 2 holes (A, C) on the wall for the screws and one hole (B) for the cable
• Knock the rubber bungs to the holes (A, C)
• Fix the back cover on the wall with 2 screws
• Thread the cable though the cable hole (B)
• Attach the unit to the back cover



Wiring :

Color	Function	Notes
Red	**Power+**	**9～80V DC Power Input**
Black	**GND**	**Ground**
Green	**Data**	**1-Wire Data Output**
Yellow	**Feedback**	**Feedback Input**

3 Packing list :

No.	Name	Quantity
1	Box	1
2	Reader SK2-RX	1
3	Wall Fixing Plugs	2
4	Self Tapping Screws	2
5	Screw Driver	1

FCC Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.

-- Increase the separation between the equipment and receiver.

-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-- Consult the dealer or an experienced radio/TV technician for help

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions (1)this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.