

## Keypad touch code with proximity with wireless BT Bluetooth



### Description

Bluetooth Access Control

Compatible with all Bluetooth-enabled mobile phones

APP name: Tuya Smart- Both iOS and Android available

Waterproof, conforms to IP66

Metal housing, anti-vandal

Add / Delete users by APP

Support checking Opening Record

Multiple Access Modes: Smartphone, Card, PIN

User Capacity: 20 APP users (include 255 Card, PIN users)

Card Type: 125KHz EM Cards

Operating Voltage: 12~28AC/DC

Wiring Connections: Relay output, exit button, alarm, door contact

Wiegand 26~44 bits input & output



## Introduction

The device is a single door multifunction standalone access controller or a Wiegand output reader. It uses Atmel MCU assuring stable performance. The operation is very user-friendly, and low-power circuit makes it long service life.

The device supports 1,000 users (988 common users + 2 panic users + 10 visitor users), all user data can be transferred from one to another. It supports multi access modes in card access, PIN access, card + PIN access, or multi cards/PINs access. It has extra features including block enrollment, interlock, Wiegand input & output interface...etc.

## Features

- > Touch key
- > Metal case, anti-vandal
- > Waterproof, conforms to IP66
- > One relay, 1,000 users (988 common + 2 panic + 10 visitor)
- > PIN length: 4~6 digits
- > EM card, Mifare Card optional
- > EM card version: Wiegand 26~44 bits input & output  
Mifare card version: Wiegand 26~44 bits, 56 bits, 58 bits input & output
- > Can be used as Wiegand reader with LED & buzzer output
- > Card block enrollment
- > Tri-color LED status display
- > Integrated alarm & buzzer output
- > Pulse mode, Toggle mode
- > User data can be transferred
- > 2 devices can be interlocked for 2 doors
- > Built-in light dependent resistor (LOR) for anti tamper
- > Backlit keypad, can set automatic OFF after 20 seconds



## Specifications

|                              |                                                                                                                                   |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <b>User Capacity</b>         | <b>1000</b>                                                                                                                       |
| Common User                  | 988                                                                                                                               |
| Panic User                   | 2                                                                                                                                 |
| Visitor User                 | 10                                                                                                                                |
| <b>Operating Voltage</b>     | <b>12 ~ 28VDC</b>                                                                                                                 |
| Working Current              | 150mA                                                                                                                             |
| Idle Current                 | 60mA                                                                                                                              |
| <b>Proximity Card Reader</b> | <b>Radio</b>                                                                                                                      |
| Technology                   | EM                                                                                                                                |
| Read Range                   | 125KHz                                                                                                                            |
| <b>PIN Length</b>            | <b>4~6digits</b>                                                                                                                  |
| <b>Wiring Connections</b>    | <b>Relay Output, Exit Button, Alarm, Door Contact, Wiegand Input, Wiegand Output</b>                                              |
| <b>Relay</b>                 | <b>One (NO, NC, Common)</b>                                                                                                       |
| Adjustable Relay Output Time | 0~99 Seconds (5 seconds default)                                                                                                  |
| Lock Output Load             | 2 Amp Maximum                                                                                                                     |
| <b>Wiegand Interface</b>     | <b>M card version: Wiegand 26-44 bits input &amp; output</b><br>(Factory Default: Wiegand 26bits)                                 |
| <b>PIN Output</b>            | <b>(Optionally)Mifare card version: Wiegand 26-44bits, 56bits, 58bits input &amp; output</b><br>(Factory Default: Wiegand 34bits) |
|                              | <b>4 bits, 8bits(ASCII), 10 digits Virtual Number</b><br>(Factory Default: 4 bits)                                                |
| <b>Environment</b>           | <b>Meets IP66</b>                                                                                                                 |
| Operating Temperature        | -40°C ~ 60°C                                                                                                                      |
| Operating Humidity           | 0%RH~98%RH                                                                                                                        |
| <b>Physical</b>              | <b>Zinc-Alloy</b>                                                                                                                 |
| Colour                       | Silver & Black                                                                                                                    |
| Dimensions                   | L145 x W68 x D25mm                                                                                                                |
| Unit Weight                  | 500g                                                                                                                              |
| Shipping Weight              | 615g                                                                                                                              |

