

TF3 access system with fingerprint and RFID, WiFi, Mifare

Reference: AM7823
EAN13: -
HS code: 85412900

Product attributes:

Product features:

Voltage: 12-24 V DC
Waterproof grade: IP67



Product description:

The modern TF3 access system combines a touch keypad, RFID card reader, fingerprint reader and WiFi connection with the Tuya mobile application. It is an ideal solution for securing access to homes, offices, warehouses or garages. It allows remote access control via a mobile application, provides high user capacity and reliable operation even in demanding conditions thanks to IP67 water resistance.

Technical specifications

- **Power supply:** DC 12-24V
- **Standby consumption:** ≤ 35 mA
- **Working current:** ≤ 100 mA
- **Working temperature:** -40°C to $+60^{\circ}\text{C}$
- **Working humidity:** 0-95%
- **Protection:** IP67 - waterproof design
- **Material:** zinc alloy with metal backlit keyboard
- **Interface:** Wiegand 26-58 bit, NO/NC/COM output
- **Capacity:** 10,000 users (RFID + password) / 300 fingerprints
- **Card frequency:** 13.56 MHz Mifare
- **Package dimensions:** 38 x 12 x 10 cm
- **Weight:** 0.5 kg

Functions and features

- Control via **Tuya Smart App** - manage users and access from anywhere.
- Support for multiple access modes: **fingerprint, RFID card, PIN code or a combination of them**.
- Support for up to **7 door opening methods** (e.g. card + code, fingerprint + card, etc.).
- Fast and accurate fingerprint recognition (1 sec).
- Indication by sound and LED indicator (green - success, red - error).
- Possibility of connection to an external lock, EXIT button and alarm.
- Wiegand reader mode - can be used with an external controller.
- Backup of user data in memory even after power is disconnected.

Ideal for

- Entrance doors of family houses and apartment complexes
- Offices, warehouses, workshops, garages and service areas
- Entrance gates, industrial buildings and secure zones

Package contents

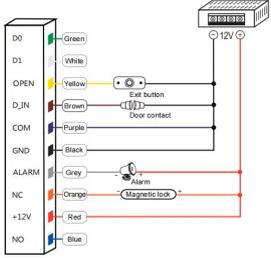
- 1x TF3 access unit with WiFi
- 1x Mounting accessories (screws, dowels, wrench)
- 1x User manual (EN)

Why choose this product?

- Modern and elegant design with touch control
 - Easy installation and configuration via Tuya App
 - High security - up to 3 levels of authentication
 - Suitable for outdoor use thanks to IP67 resistance
 - Supports a wide range of 12-24V DC power supplies
 - Large user capacity - up to 10,000 codes / 300 fingerprints
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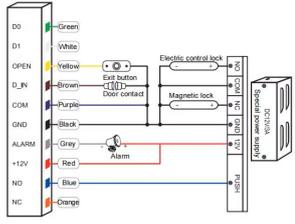


Diagram
Common Power Supply



Note: The door contact and alarm function are optional

Special Power Supply



Note: The door contact and alarm function are optional