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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 (except fingerprint users). It supports multi access modes in card access, PIN access, fingerprint access, card + PIN access, or multi cards (PIN+ fingerprint) access. It has extra features including block enrollment, interlock, Wiegand input & output interface, etc.

Three Versions Optional:
The device with Bluetooth function is optional.
The device with big user capacity is optional.
The device with WIFI function is optional.

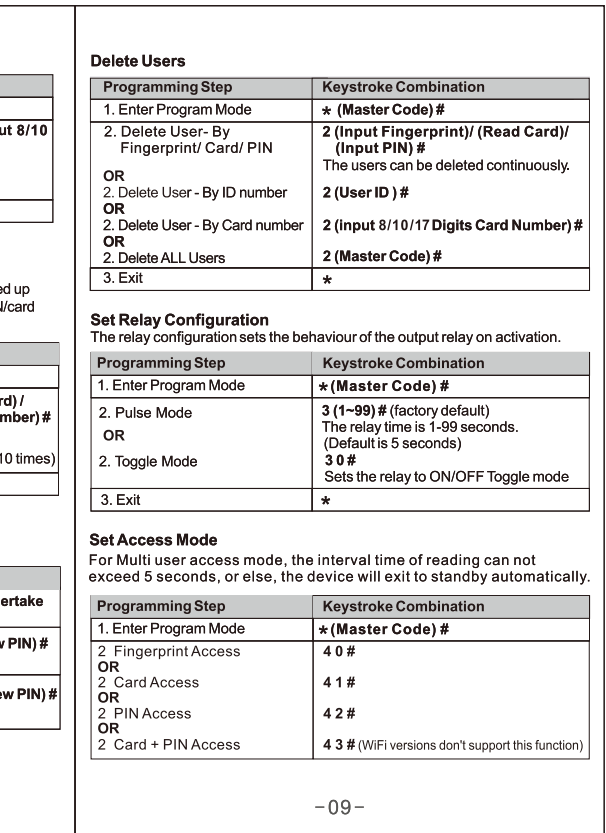
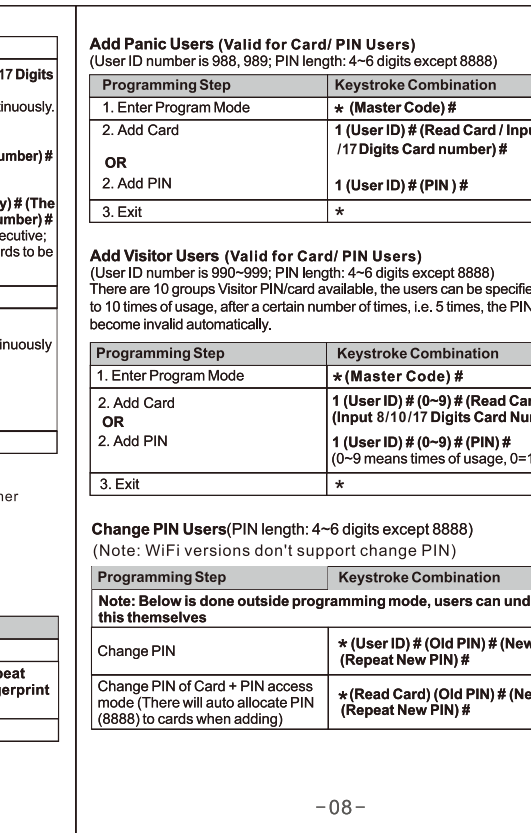
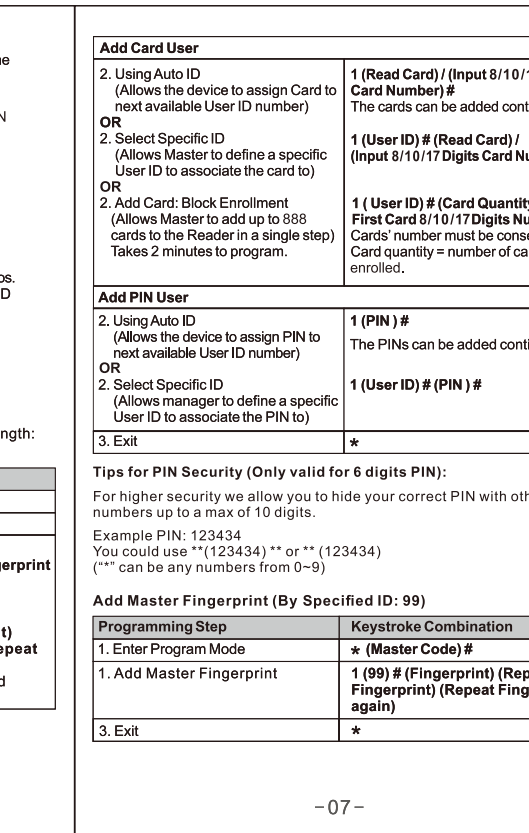
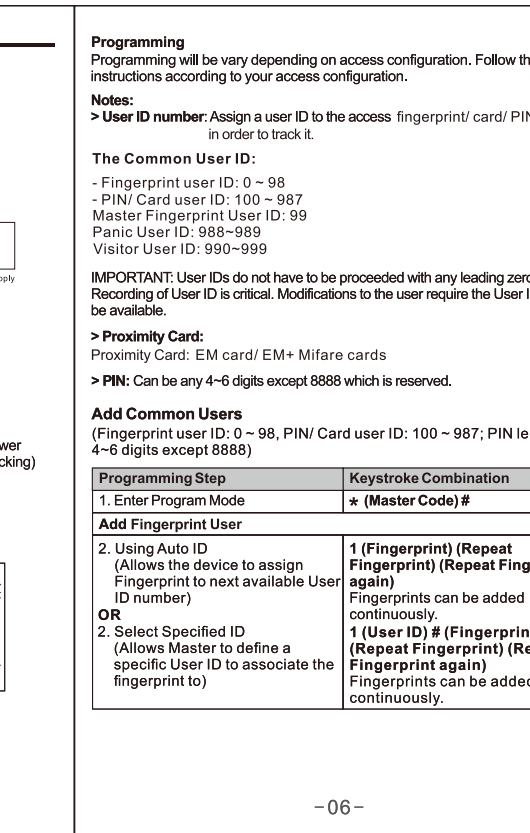
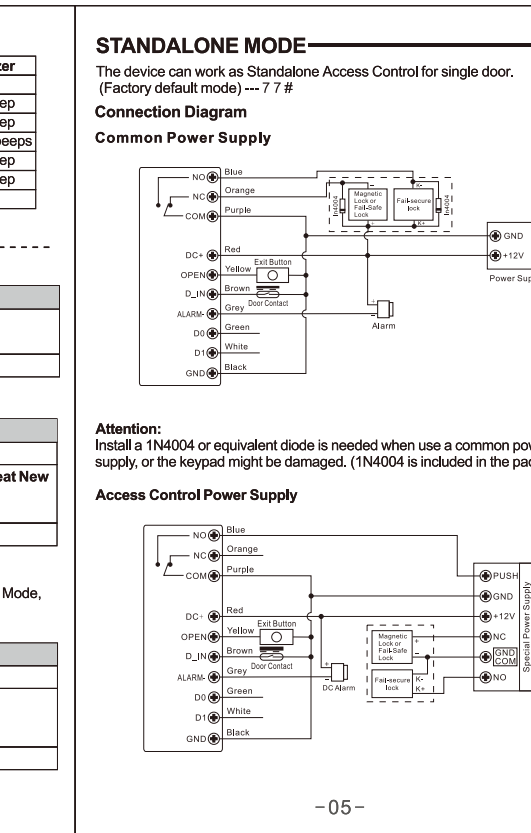
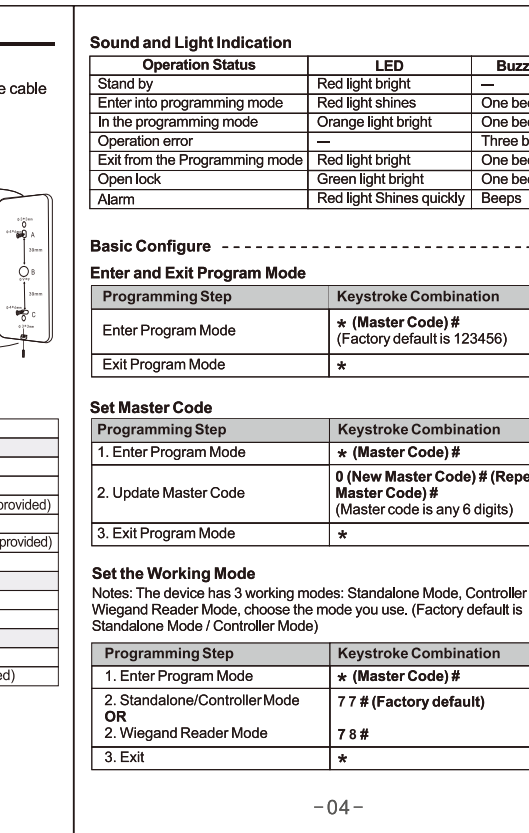
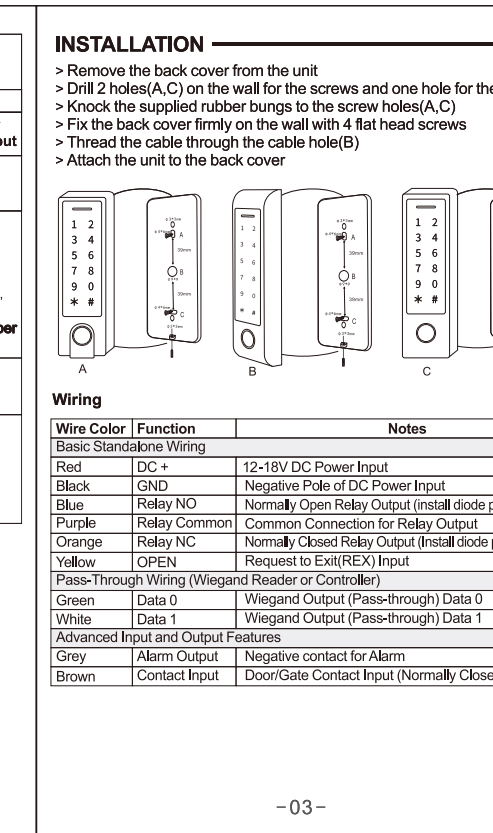
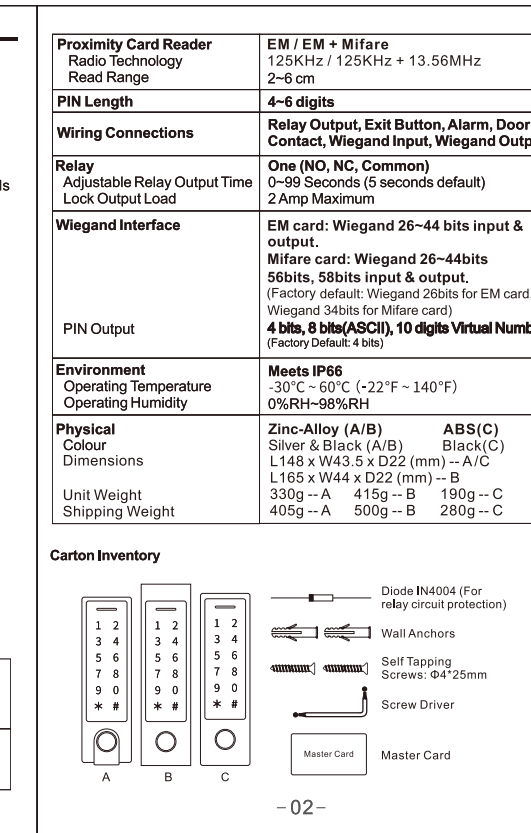
Features

- > Capacitive fingerprint sensor, 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, EM + Mifare cards optional
- > EM card: Wiegand 26-44 bits input & output
- > Mifare card: Wiegand 26-44 bits, 56bits, 58bits input & output
- > Can be used as Wiegand reader with LED & buzzer output
- > Card block enrollment
- > Tricolor LED status display
- > Integrated alarm & buzzer output
- > Pulse mode, Toggle mode
- > User data can be transferred (except fingerprint users)
- > Built-in light dependent resistor (LDR) for anti tamper
- > Backlit keypad, can set automatic OFF after 20 seconds

Specifications

User Capacity	1000
Common User	988 (100 Fingerprint + 888 Card/PIN Users)
Panic User	2
Visitor User	10
Operating Voltage	12-18V DC
Working Current	≤150mA
Idle Current	≤60mA

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Simplified Instruction

Function Description	Operation
Enter the Programming Mode	* (Master Code) # (can add cards continuously)
Change the Master Code	0 - New Code - # - Repeat the New Code - # (code: 6 digits)
Add Card User	1 - Read Card - # (can add cards continuously)
Add Fingerprint User	1 - Fingerprint - Repeat Fingerprint - Repeat Fingerprint Again - #
Add PIN User	1 - PIN - # (The PIN is any 4-6 digits except 8888 which is reserved)
Delete User	2 - Fingerprint - # 2 - Read Card - # 2 - PIN - #
Exit from the Programming Mode	*
How to release the door	Fingerprint User Input Fingerprint Card User Read Card PIN User Input PIN #

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