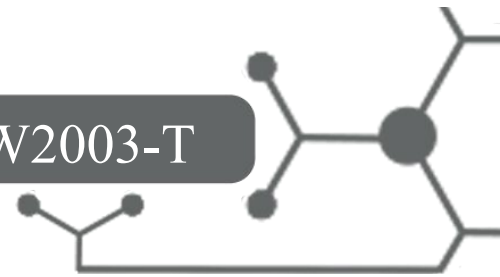




# Triplow

TW2003-T



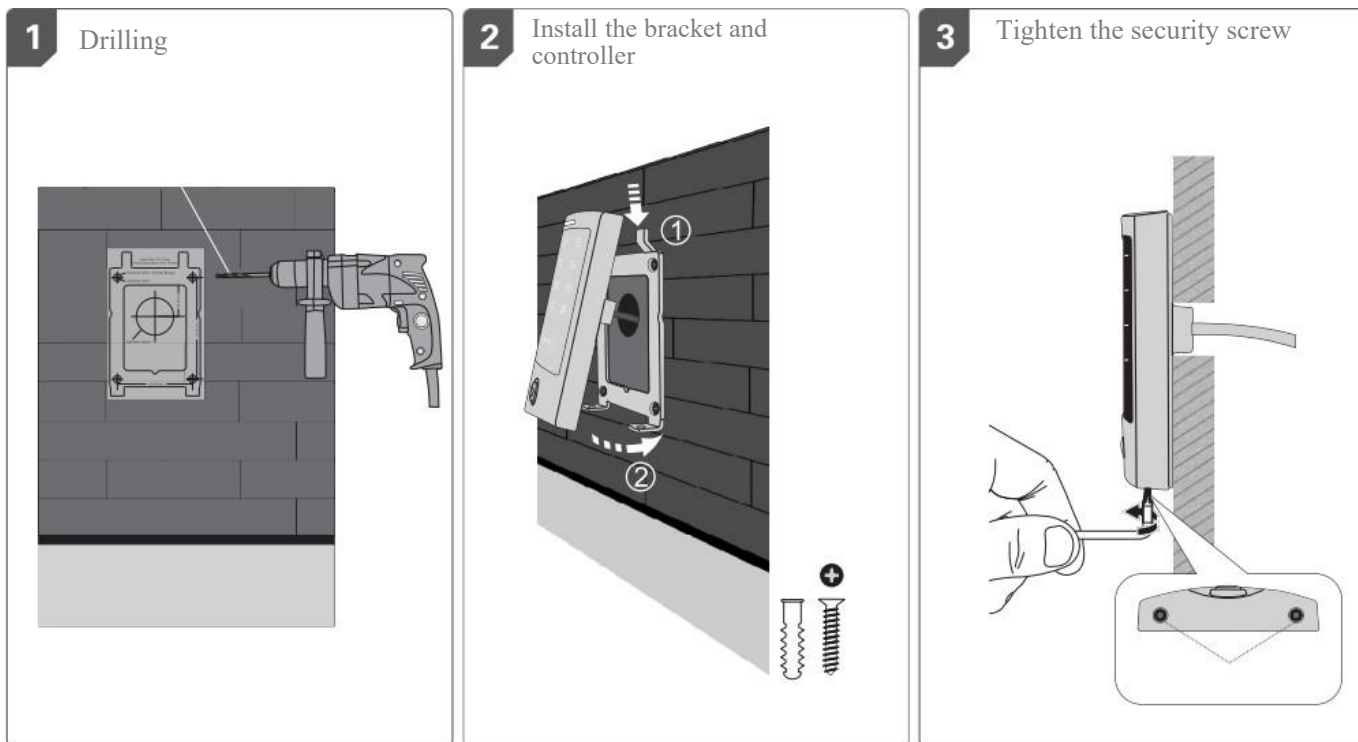
## Water-Proof Numeric Access Control- TW2003-T

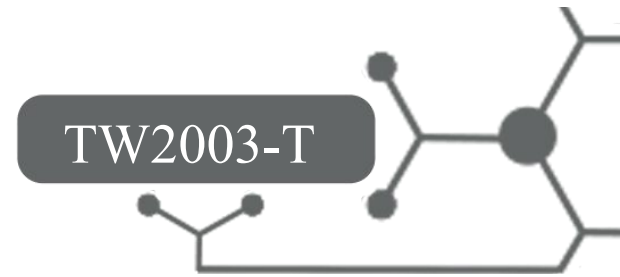
### Features



- IP65, water-proof, aluminium alloy structure.
- Several card reader: 125KHz EM, and 13.56MHz (IC, CPU, ISO14443A card).
- Touch keypad.
- Adjustable backlight: ON, OFF and Auto.
- Buzzer function: included or external (optional).
- Multi-functions: Access control, secondary reader, anti-passback function, etc., applicable in several situations.
- Dimensions: 125x83x21,7 mm
- Operating voltage: DC 12-24 V
- Current consumption (standby):  $\leq 35\text{mA}$
- Operating temperature:
  - 40~+60 (EM&HID card)
  - 20~60 (IC or CPU card)
- Weight: 0,4Kg

### Installation





## Programming with Management card

### 1. Add card

“Read adding management card” + “read user card” + “read adding management card”

Note: Cards can be added continuously.

### 2. Delete card

“Read deleting management card” + “Read user card” + “Read deleting card”

## Programming

To enter the programming mode, enter the Master Code and next “#”.

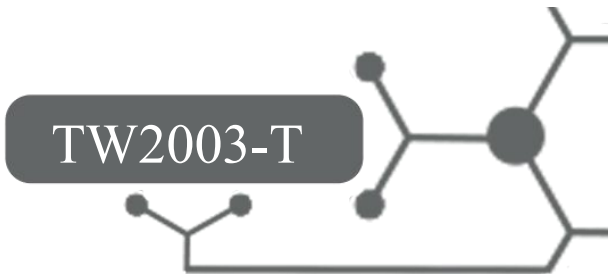
Then, enter the instructions on the menu according to the function you intend to set up.

To go back to the previous menu, press “\*”.

To exit the programming mode, press “\*\*” or wait 30s without performing any action on the access control.

Menu	Instruction	Function
0	"Enter the new master code (6~8 numbers)" + "#" + "Repeat the new master code" + "#"	Factory setting: 888888
1	Read user card	<ol style="list-style-type: none"> <li>The ID is any number between 1-2000.</li> <li>The RFID card number is made by 8 or 10 numbers, in case it has less, enter 0 (zeros) before the number.</li> <li>Users can be added continuously without exiting the programming mode.</li> </ol>
	1~2000 (ID) + # + read card	
	8 or 10 numbers (RFID card number)	
	1~2000 (ID) + # + 8 or 10 numbers (RFID card number) + #	
2	1~2000 (ID) + # + 4~6 numbers (opening code) + #	
	Read user card	Delete a card
2	8 or 10 numbers (RFID card number) + #	
	1~2000 (ID) + #	Delete a user
2	0000# (Note: use this option carefully)	Delete all users
3	0 + #	Entry mode by card only
	1 + #	Entry mode by card and code
	2 + #	Entry mode by card or code (factory setting)
4	0 + #	Door opening time: 50ms (factory setting)
	1-99 + #	Door factory setting: 1-99s



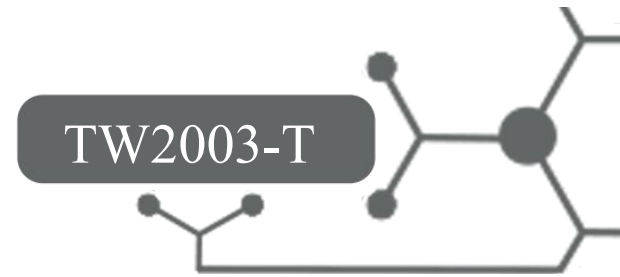


## Advanced Programming

Advanced Programming			
Menu	Sub-Menu	Instruction	Function
6	1	Read user card	Adds card
	2	Read user card	Deletes card
	3	Read user card	Adds user with <i>duress</i> option
	4	8 duress code numbers	Users can be added continuously without exiting the programming mode.
	5	0 + #	Automatic mode
		1 + #	Turns the area 1 to an automatic lock switch.
	6	1-10 + #	Opening by means of several cards (the factory setting is: 1)
	7	ID + # + card number + # + amount of cards + #	Adds cards consecutively up to a maximum of 2000 cards.
9	1	The administrator opens door 1.	

Optional Settings			
Menu		Instruction	Function
8	1	0 + #	LED turned off
		1 + #	LED turned on (factory setting)
	2	0 + #	Sound signal disabled
		1 + #	Sound signal enabled (factory setting)
	3	0 + #	Backlight disabled
		1 + #	Backlight enabled (factory setting)
		2 + #	Automatic mode
	4	0 + #	Disables the anti-vandal alarm
		1 + #	Enables anti-vandal alarm (factory setting)
	5	0 + #	Keypad does not lock and the alarm does not go off due to failed access attempts.
		1 + #	If there are 10 failed attempts within 10 minutes, the equipment is going to get blocked during 10 minutes.
		2 + #	If there are 10 failed attempts within 10 minutes, the equipment is going to trigger the alarm.





## Use operation

### 1. Unlock lock with card:

Present the valid card to the reader, the lock is going to open.

### 2. Unlock lock with card and code:

Present valid card followed by the access code + #, lock opens.

### 3. Unlock lock with card or code:

Present valid card or enter the access code + #, lock opens.

### 4. Unlock lock with several cards:

Present 2-10 valid cards to the reader (the reading time should not be longer than 5s), lock opens.

### 5. Toggle mode

### 6. Modify the user access code

\* + read card + enter older code + # + enter new code + # + enter new code + #

or

\* + ID + enter older code + # + enter new code + # + enter new code + #

### 7. Buzzer

Press the buzzer button on the access control, it will sound a signal, if there is an external siren connected, then it is also activated.

## Alarm

### 1. Anti-vandal alarm:

When the access control is removed illegally, the buzzer and external siren will be activated.

### 2. Door status:

When the door is open illegally, that is, it is open without having the opening authorization.

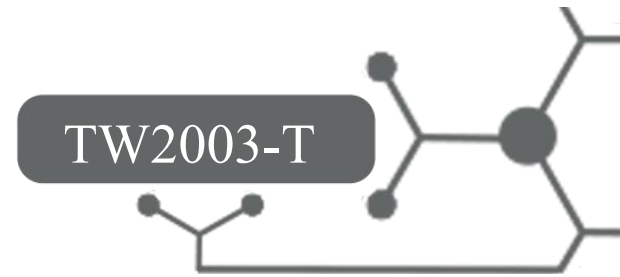
### 3. Anti-duress alarm

When the card is presented or the duress code + # is entered, the corresponding door is unlocked without activating the access control buzzer, nevertheless, the external alarm does get activated.

### 4. Remove alarm

Present a valid card or enter master code. The alarm will be automatically disabled after 1 minute.





## Resetting – Factory Settings

### 1. Unlock

**Unplug the access control power supply.**

Plug in back the power supply.

The LED stays orange.

Keep pressing the button\*.

It sounds two signals.

Wait 5s;

It sounds three signals.

Factory settings were reset successfully.

**Note:** Resetting factory settings does not remove the previously entered users.

## Colour and sound meaning table

Colour and Sound Meaning		
Operation	LED Colour	Buzzer
Standby	White	
Press Keypad		Short Sound
Read Card	Green	Long Sound
Unlock Llock	Green	Long Sound
Successful Operation	Green	Long Sound
Failed Operation		3 Short Sounds
Enter Code	Slow intermittent red	
Card and Code Reading	Slow intermittent red	
Multiple Card Reading	Slow intermittent red	
1 <sup>º</sup> Menu	Slow intermittent red	
2 <sup>º</sup> Menu	Slow intermittent orange	
Settings	Orange	
Management Card Reading	Orange	2 Short Sounds
Management Card Reading (exit programming mode)	White	Long Sound
Alarm	Fast intermittent red	Alarm

