

TECHNICAL SHEET

Waterproof biometric/code reader



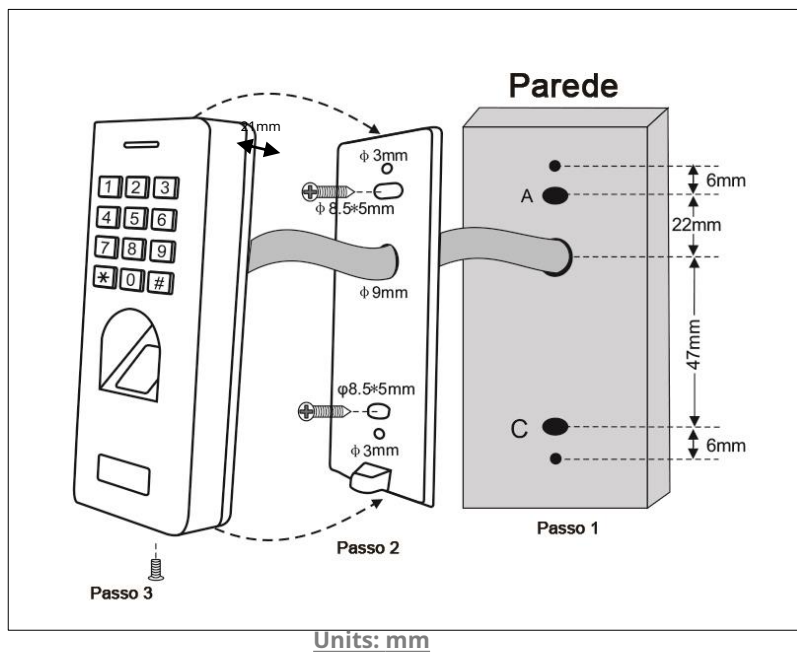
TW-F2

- Power: 12V DC <45mA
- Capacity: 3000 Users:
 - 1000 Fingerprint – 500DPI Resolution
 - 2000 Codes – 4 ~ 6 digits
- Waterproof, IP66
- Permitted working temperature: -30°C ~60°C
- Weight: 150g
- Size: 137 x 58 x 26 mm
- Various operating modes:
 - Standalone
 - Reader
 - In conjunction with another TW-F2 with interlock function

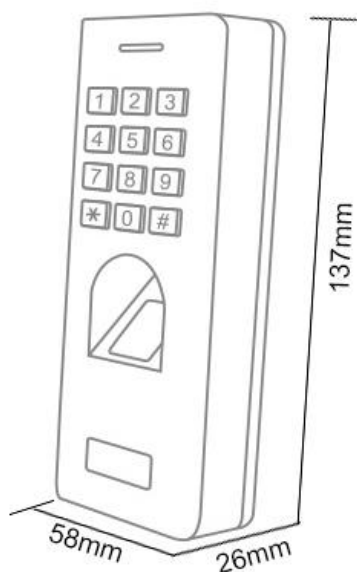




Installation (fixing)



Dimensions





Configuration and Operating Mode

Attention: All programming is done on the numeric keypad.

Note: to perform all commands you will first need to enter programming mode.

Enter programming mode

Enter programming mode	* 123456 # NOTE: Factory programming password is 123456
Exit programming mode	Press *

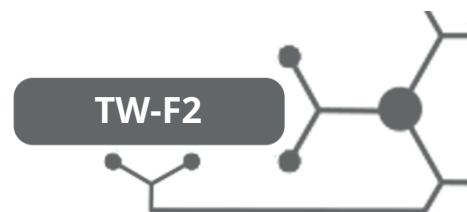
Change programming password

Instruction	Programming code
1. Enter programming mode	* 123456 #
2. Change programming password	0 (New password) # (Repeat new password) # Note: programming code must always be 6 digits, this code does not work for opening.
3. Exit programming mode	*

Add fingerprints with automatic ID assignment

Instruction	Programming code
1. Enter programming mode	* (Programming password) #
2. Add Fingerprint (With Auto ID)	1 (fingerprint) (repeat fingerprint) Note: It is successfully added if the light flashes green. You can continuously add fingerprints.
3. Exit programming mode	*





Add fingerprints with a specific ID

Instruction	Programming code
1. Enter programming mode	* (Programming password) #
2. Add Fingerprint (With Auto ID)	1 (ID 1 to 1000) # (fingerprint) (repeat fingerprint) Note: It is successfully added if the light flashes green. You can continuously add fingerprints.
3. Exit programming mode	*

Add codes

Instruction	Programming code
1. Enter programming mode	* (Programming password) #
2. Add Codes (With Auto ID)	1 (ID from 1001 to 3000) # (4 to 6 digit code) Note: It is successfully added if the light flashes green. You can continuously add codes.
3. Exit programming mode	*

Delete Users

Instruction	Programming code
1. Enter programming mode	* (Programming password) #
2. Delete user	Delete fingerprint - 2 (Fingerprint to delete) Delete code - 2 (Code to delete)
3. Exit programming mode	*

Delete Fingerprint Users by ID

Instruction	Programming code
1. Enter programming mode	* (Programming password) #
2. Remove fingerprint	2 (ID to be deleted)
3. Exit programming mode	*





Buzzer

Instruction	Programming code
1. Enter programming mode	* (Programming password) #
2. Buzzer	Activate – 65 # Disable – 64 #
3. Exit programming mode	*

Timer

Instruction	Programming code
1. Enter programming mode	* (Programming password) #
2. Timer or ON/OFF	Timer: 3 (1 to 99 seconds) # ON/OFF – 56 # (It stays open when a valid user is entered and only closes when another valid user is entered again)
3. Exit programming mode	*

Access mode

Instruction	Programming code
1. Enter programming mode	* (Programming password) #
2. Access mode	Only Code: 40 # Fingerprint only: 41 # Fingerprint or code only: 42 # (factory setting) Multiple codes or fingerprint: 43 (2 to 9) #
3. Exit programming mode	*

Alarm

Instruction	Programming code
1. Enter programming mode	* (Programming password) #
2. Alarm	Activate – 5 (1 to 3 minutes) # Deactivate – 50 #
3. Exit programming mode	*

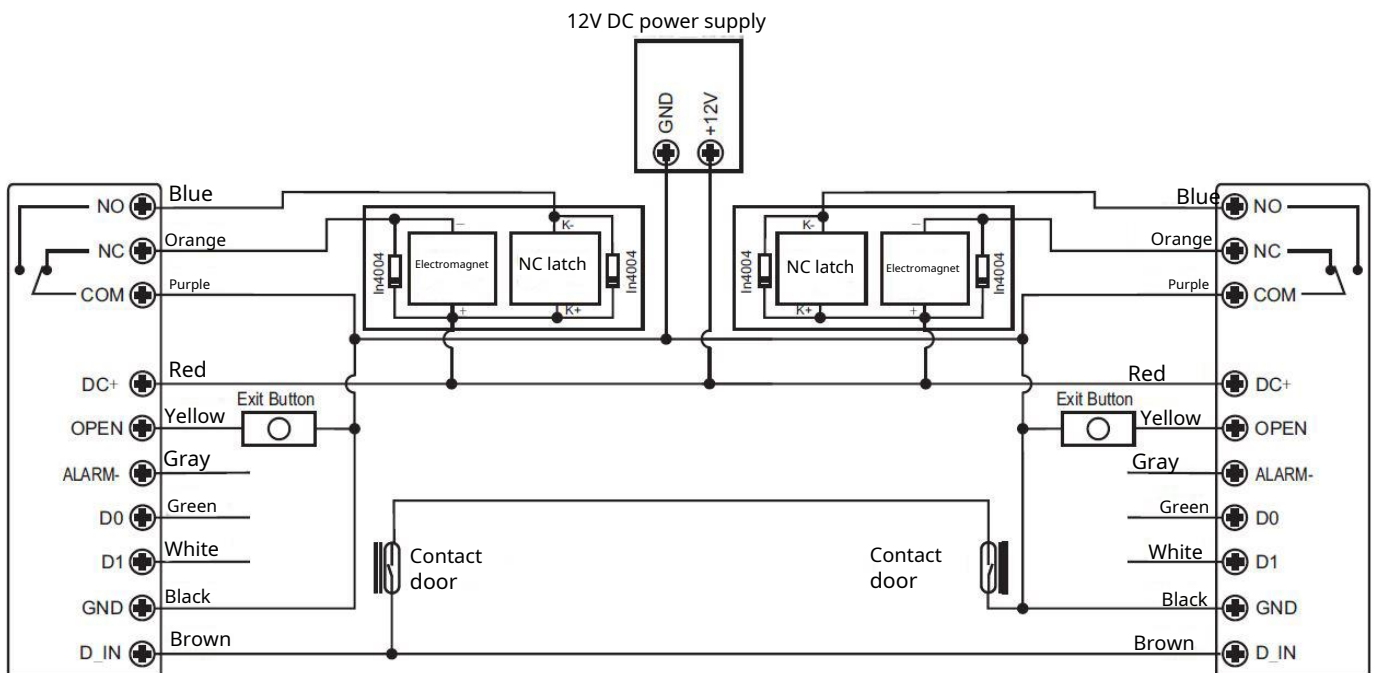


Other features

Interlock access mode (Two TW-F2s connected together)

Instruction	Programming code
1. Enter programming mode	* (Programming password) #
2. Access mode	Interlock off: 62# Interlock ON: 63# NOTE: Add all users to both TW-F2s and only then activate the interlock.
3. Exit programming mode	*

Wiring Diagram for Interlock





TW-F2

1. Turn off the power
2. Connect the yellow wire to the black wire (or if there is an exit button, press the button)
3. Turn on the power (with the wires connected or the button pressed) until 2 beeps sound and the LED turns yellow
4. If there is an ADD and DELETE card, immediately add the ADD card and then the DELETE card (in that order)
5. LED stays solid red

Wiring Diagram



All products sold by Triplo W, Lda. have a two-year warranty against manufacturing defects. All equipment sold is, in the event of a breakdown, checked at our facilities and if it is not repairable, it is replaced with new equipment, under the respective warranty.

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