



## ST1 Operational Manual



Keyless Access System Solutions

## ST1 Operative Manual

### System Setup

When the system is powered for the first time the green and orange light will be blinking simultaneously indicating that **initial setup** is required. Make sure to have the access credentials (keyfobs, access cards, cellphone tags) you want to enroll. The system can function on three different operational modes,



**Operational Mode 1:** One (1) door access control application

**Operational Mode 2:** Two (2) doors access control application (enrolled credentials will unlock both doors)

**Operational Mode 3:** Two (2) doors access control application with independent door settings. Enrolled credentials can be set to unlock door number one (1), door number two (2), or both doors.

#### Setup instructions:

- A) Press and hold the Escape key "ESC" until a double beep is heard. The orange light will remain on to indicate you have entered into the **programming mode**.
- B) Enter the 4 digit **security password**. The factory default password is "1234". The green light will blink twice if the correct password was entered.
- C) Enter the system application mode:
  - To select **Operational Mode 1**: Press key: "1"
  - To select **Operational Mode 2**: Press key: "2"
  - To select **Operational Mode 3**: Press key: "3"

If the operation was successful, the system will beep twice and the green light will remain ON for 3 seconds.

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## System functions - Operational Mode 1

- 1. Enroll a single credential:** To incorporate a new credential to the system.
- 2. Enroll multiples credentials:** To incorporate a number of credentials to the system.
- 3. Delete a credential:** To delete a credential in order to prevent unwanted access.
- 4. Replace a credential:** To delete a lost or stolen credential and enroll a new one.
- 5. Door monitor activation:** Security feature that provides a continuous warning signal if the door remains open. **Door contact** installation is required in order to utilize this feature.
- 6. Door monitor deactivation:** To disable the door monitor feature.
- 7. Unlocked mode:** To keep the door unlocked to grant access to visitors or people who do not have a credential.
- 8. Locked mode:** To switch-back from open mode (7) to normal mode (credential holder only)
- 9. Unlocking time set:** To set the number of seconds that the door will remain unlocked after presenting the credential onto the proximity reader.
- 10. Password change:** To change the actual password to a new one.
- 11. Password reset:** To reset the password back to the default one.
- 12. System reset:** To delete all existent users and settings. The system will be back to the factory settings.

## Keypad Instructions - Operational Mode 1

### 1 - Enroll a single credential

- A) Press and hold the Escape key "ESC" until a double beep is heard. The orange light will remain on to indicate you have entered into the **programming mode**.
- B) Enter the 4 digit **security password**. The green light will blink twice if the correct password was entered.
- C) Press key number one "1" to enter to the "**enroll single credential mode**", the green light will blink once and remain on to indicate that the new credential has to be presented onto the reader
- D) Present the new credential over the proximity reader, if the operation was successful the light on the reader will blink twice, turning from red to green, indicating the credential was successfully incorporated into the system. The system will exit the programming mode automatically.

**Note 1:** The last 4 digits printed on the credential is automatically stored into the system, allowing future deletion or replacement if necessary. (Software provided to keep track of users and assigned credentials)

**Note 2:** Upon attempt to enrolling an already existent credential the light on the reader will remain green for 10 seconds and the controller will emit a warning beeping 5 times.

### 2- Enroll multiple credentials

- A) Press and hold the Escape key "ESC" until a double beep is heard. The orange light will remain on to indicate you have entered into the **programming mode**.
- B) Enter the 4 digit security password. The green light will blink twice if the correct password was entered.
- C) Press key number one "0" to enter to the "**enroll multiple credentials mode**", the green light will blink once and remain on to indicate that new credentials have to be presented on the reader.
- D) Present the new credentials onto the reader consecutively, after each credential is presented, the light on the reader will blink twice, turning from red to green indicating the credential was successfully incorporated into the system.
- E) To finish the operation press and hold the Escape key "ESC" until double beep is heard, the orange and green light will be turn off indicating that the system exited the programming mode.

**Note 1:** The last 4 digits printed on the credentials are automatically stored into the system, allowing future deletion or replacement if necessary. (Software provided to keep track of users and assigned smart keys)

**Note 2:** Upon attempt to enrolling an already existent credential the light on the reader will remain green for 10 seconds and the controller will emit a warning beeping 5 times.

### 3 - Delete a credential

- A) Press and hold the Escape key "ESC" until a double beep is heard. The orange light will remain on to indicate you have entered into the ***programming mode***.
- B) Enter the 4 digit ***security password***. The green light will blink twice if the correct password was entered.
- C) Press key number two "2" to enter to the ***"delete credential mode"***, the green light will blink once.
- D) Enter the last four (4) digits of the credential you want to delete

If the operation was successful, the system will beep twice and the green light will remain ON for 3 seconds.

### 4 - Replace a credential

- A) Press and hold the Escape key "ESC" until a double beep is heard. The orange light will remain on to indicate you have entered the ***programming mode***.
- B) Enter the 4 digit ***security password***. The green light will blink twice if the correct password was entered.
- C) Press key number three "3" to enter to the ***"replace credential mode"***, the green light will blink once.
- D) Enter the last four (4) digits of the credential you want to replace

If the deletion was successful, the system will beep twice; the green light will blink once and will remain on indicating that the new credential has to be presented on the reader.

E) Present the new credential over the proximity reader, if the operation is successful the light on the reader will blink twice, turning from red to green, indicating the credential was successfully incorporated into the system.

### 5 - Door monitor activation (door contact installation required)

- A) Press and hold the Escape key "ESC" until a double beep is heard. The orange light will remain on to indicate you have entered into the ***programming mode***.
- B) Enter the 4 digit ***security password***. The green light will blink twice if the correct password was entered.
- C) Press key number four "4" to enter the ***"door monitor activation"*** command.

If the operation was successful, the system will beep twice and the green light will remain ON for 3 seconds.

## 6 - Door monitor deactivation

- A) Press and hold the Escape key "ESC" until a double beep is heard.  
The orange light will remain on to indicate you have entered into the **programming mode**.
- B) Enter the 4 digit **security password**. The green light will blink twice if the correct password was entered.
- C) Press key number five "5" to enter the "**door monitor deactivation**" command.  
If the operation was successful, the system will beep twice and the green light will remain ON for 3 seconds.

## 7 - Unlocked Mode

- A) Press and hold the Escape key "ESC" until a double beep is heard. The orange light will remain on to indicate you have entered into the **programming mode**.
- B) Enter the 4 digit password. The green light will blink twice if the correct password was entered.
- C) Press key number six "6" to enter the "**unlocked mode**" command.

If the operation was successful, the system will beep twice and the green light will blink once and remain ON indicating that door/s remain unlocked

## 8 - Locked Mode

- A) Press and hold the Escape key "ESC" until a double beep is heard. The orange light will remain on to indicate you have entered into the **programming mode**.
- B) Enter the 4 digit **security password**. The green light will blink twice if the correct password was entered.
- C) Press key number seven "7" to enter the "**locked mode**" command.

If the operation was successful, the system will beep twice and the green light will remain ON for 3 seconds.

## 9 - Unlocking time set

- A) Press and hold the Escape key "ESC" until a double beep is heard. The orange light will remain on to indicate you have entered into the **programming mode**.
- B) Enter the 4 digit **security password**. The green light will blink twice if the correct password was entered.
- C) Press key number eight "8" to enter to the "**unlocking time set mode**" the green light will blink once.
- D) Enter the number of seconds you want the door to remain unlocked after the credentials are presented on the reader, accepted values are between two and nine (2-9).

If the operation was successful, the system will beep twice and the green light will remain ON for 3 seconds.

## 10 - Change Password

- A) Press and hold the Escape key [ESC] until a double beep is heard. The orange light will remain on to indicate you have entered into the ***programming mode***.
- B) Enter the 4 digit *security password*. The green light will blink twice if the correct password was entered.
- C) Press key number nine "9" to enter to the "***password change***" operation mode, the green light will blink once.
- D) Enter the four digits of the new password (0-9 digit allowed).

If the operation was successful, the system will beep twice and the green light will remain ON for 3 seconds.

## 11- Password Reset

- A) Press and hold the Escape key "ESC" until a double beep is heard. The orange light will remain on to indicate you have entered into the programming mode.
- B) Press Enter "ENT" key, the green light will blink once.
- C) Press key number seven "7" to enter to the "***password reset mode***", the green light will blink once.
- D) Enter the seven unique digit password provided with the access system controller.

If the operation was successful, the system will beep twice and the green light will remain ON for 3 seconds.

After this operation, the password will be reset to "1234"

## 12 – System Reset

- A) Press and hold the Escape key "ESC" until a double beep is heard. The orange light will remain on to indicate you have entered into the ***programming mode***.
- B) Press Enter "ENT" key, the green light will blink once.
- C) Press key number nine "9" to enter to the "***system reset***" operation mode, the green light will blink once.
- D) Enter the seven unique digit password provided with the access system controller. If the operation was successful, the system will beep twice and the green light will remain ON for 3 seconds.

Once the operation is completed, all the users and settings will be deleted, the password will be reset to "1234"; and the system will be reset to factory settings.

### Security features and error signals:

- Upon entering a wrong command key the system will beep once, the orange light will blink once and remain off indicating that the system exited the programming mode
- Upon thirty five seconds(35)of idle time between commands the system will beep once, the orange light will blink once and remain off indicating that the system exited the programming mode
- After three (3) failed attempts of entering the security password the system will be blocked for 5 minutes, during that time it will not be possible to enter into the programming mode.
- Upon attempt to enroll an already existent credential the light on the reader will remain green for 10 seconds and the controller will beep 7 times.
- Upon attempt to enroll more than one thousand to hundred and sixty(1.260) credentials the light on the readers will blink for 20 seconds and the orange and green light will turn off indicating the system exited the programming mode.
- To exit the programming mode at any time press escape key "ESC"



## System functions - Operational Mode 2

- 1. Enroll a single credential:** To incorporate a new credential to the system.
- 2. Enroll multiple credentials:** To incorporate a number of credentials to the system.
- 3. Delete a credential:** To delete a credential in order to prevent unwanted access.
- 4. Replace a credential:** To delete a lost or stolen credential and enroll a new one.
- 5. Door monitor activation:** Security feature that provides a continuous warning signal when a door remains open. **Door contact** installation is required in order to utilize this feature.
- 6. Door monitor deactivation:** To disable the door monitor feature.
- 7. Unlocked mode:** To keep the door/s unlocked to grant access to visitors or people who do not have a credential.
- 8. Locked mode:** To switch-back from open mode (7) to normal mode (credential holder only)
- 9. Unlocking time set:** To set the number of seconds that the door will remain unlocked after presenting the credential onto the proximity reader.
- 10. Password change:** To change the actual password to a new one.
- 11. Password reset:** To reset the password back to the default "1234".
- 12. Independent doors settings:** To switch the system from Mode 2(enrolled credentials unlock both doors) to Mode 3 (enrolled credentials can be set to unlock door number 1, door number 2 or both). credentials stored into the system will remain with the same settings.
- 13. System reset:** To delete all existent users and settings. The system will be back to the factory settings.

## Keypad Operation Instructions – Operational Mode 2

### 1 - Enroll a single credential

- A) Press and hold the Escape key "ESC" until a double beep is heard. The orange light will remain on to indicate you have entered into the **programming mode**.
- B) Enter the 4 digit **security password**. The green light will blink twice if the correct password was entered.
- C) Press key number one "1" to enter to the "**enroll single credential mode**", the green light will blink once and remain on to indicate that the new credential has to be presented on any on the two proximity readers.
- D) Present the new credential over a proximity reader, if the operation was successful the light on The reader will blink twice, turning from red to green, indicating the credential was successfully incorporated into the system. The system will exit the programming mode automatically.

**Note 1:** The last 4 digits printed on the credential are automatically stored into the system, allowing future deletion or replacement if necessary. (Software provided to keep track of users and assigned credentials)

**Note 2:** Upon attempt to enrolling an already existent credential the light on the reader will remain green for 10 seconds and the controller will provide a warning beeping 5 times.

### 2- Enroll multiple credentials

- A) Press and hold the Escape key "ESC" until a double beep is heard. The orange light will remain on to indicate you have entered into the **programming mode**.
- B) Enter the 4 digit security password. The green light will blink twice if the correct password was entered.
- C) Press key number one "0" to enter to the "**enroll multiple credentials mode**", the green light will blink once and remain on to indicate that new credentials have to be presented on the any on the two readers.
- D) Present the new credentials over a proximity reader consecutively, after each credential is presented. the light on the reader will blink twice, turning from red to green indicating the credential was successfully incorporated into the system.
- E) To finish the operation press and hold the Escape key "ESC" until double beep is heard, the orange and green light will be turn off indicating that the system exited the programming mode.

**Note 1:** The last 4 digits printed on the credential are automatically stored into the system, allowing future deletion or replacement if necessary. (Software provided to keep track of users and assigned credentials)

**Note 2:** Upon attempt to enrolling an already existent credential the light on the reader will remain green for 10 seconds and the controller will provide a warning beeping 5 times.

### 3 - Delete a credential

- A) Press and hold the Escape key "ESC" until a double beep is heard. The orange light will remain on to indicate you have entered into the ***programming mode***.
- B) Enter the 4 digit ***security password***. The green light will blink twice if the correct password was entered.
- C) Press key number two "2" to enter to the ***delete credential mode***, the green light will blink once.
- D) Enter the last four (4) digits of the credential you want to delete

If the operation was successful, the system will beep twice and the green light will remain ON for 3 seconds.

### 4 - Replace a credential

- A) Press and hold the Escape key "ESC" until a double beep is heard. The orange light will remain on to indicate you have entered the ***programming mode***.
- B) Enter the 4 digit ***security password***. The green light will blink twice if the correct password was entered.
- C) Press key number three "3" to enter to the ***replace credential mode***, the green light will blink once.
- D) Enter the last four (4) digits of the credential you want to replace  
If the deletion was successful, the system will beep twice; the green light will blink once and will remain on indicating that the new credential has to be presented on the reader.
- E) Present the new credential over the reader, successful the light on the reader will blink twice, turning from red to green, indicating the credential was successfully incorporated into the system.

### 5 - Door monitor activation (door contact installation required)

- A) Press and hold the Escape key "ESC" until a double beep is heard. The orange light will remain on to indicate you have entered into the ***programming mode***.
- B) Enter the 4 digit ***security password***. The green light will blink twice if the correct password was entered.
- C) Press key number four "4" to enter the ***door monitor activation*** command.

If the operation was successful, the system will beep twice and the green light will remain ON for 3 seconds.

## 6 - Door monitor deactivation

- A) Press and hold the Escape key "ESC" until a double beep is heard.  
The orange light will remain on to indicate you have entered into the **programming mode**.
- B) Enter the 4 digit **security password**. The green light will blink twice if the correct password was entered.
- C) Press key number five "5" to enter the "**door monitor deactivation**" command.  
If the operation was successful, the system will beep twice and the green light will remain ON for 3 seconds.

## 7 - Unlocked Mode

- A) Press and hold the Escape key "ESC" until a double beep is heard. The orange light will remain on to indicate you have entered into the **programming mode**.
- B) Enter the 4 digit password. The green light will blink twice if the correct password was entered.
- C) Press key number six "6" to enter the "**unlocked mode**" command.
- D) Enter the door number you want to unlock,
  - Enter "1" to unlock door number 1
  - Enter "2" to unlock door number 2
  - Enter "3" unlock both doors

If the operation was successful, the system will beep twice and the green light will blink once and remain ON indicating that door/s remain unlocked

## 8 - Locked Mode

- A) Press and hold the Escape key "ESC" until a double beep is heard. The orange light will remain on to indicate you have entered into the **programming mode**.
- B) Enter the 4 digit **security password**. The green light will blink twice if the correct password was entered.
- C) Press key number seven "7" to enter the "**locked mode**" command.
- D) Enter the door number you want to lock (credential access only),
  - Enter "1" to lock door number 1
  - Enter "2" to lock door number 2
  - Enter "3" to lock both doors

If the operation was successful, the system will beep twice and the green light will remain ON for 3 seconds.

## 9 - Unlocking time set

- A) Press and hold the Escape key "ESC" until a double beep is heard. The orange light will remain on to indicate you have entered into the ***programming mode***.
- B) Enter the 4 digit ***security password***. The green light will blink twice if the correct password was entered.
- C) Press key number eight "8" to enter to the "***unlocking time set mode***" the green light will blink once.
- D) Enter the number of seconds you want the door to remain unlocked after the credentials are presented on the reader, accepted values are between two (2) and nine (9) seconds.

If the operation was successful, the system will beep twice and the green light will remain ON for 3 seconds.

## 10 - Change Password

- A) Press and hold the Escape key [ESC] until a double beep is heard. The orange light will remain on to indicate you have entered into the ***programming mode***.
- B) Enter the 4 digit *security password*. The green light will blink twice if the correct password was entered.
- C) Press key number nine "9" to enter to the "***password change***" operation mode, the green light will blink once.
- D) Enter the four digits of the new password (0-9 digit allowed).

If the operation was successful, the system will beep twice and the green light will remain ON for 3 seconds.

## 11- Reset Password

- A) Press and hold the Escape key "ESC" until a double beep is heard. The orange light will remain on to indicate you have entered into the programming mode.
- B) Press Enter "ENT" key, the green light will blink once.
- C) Press key number seven "7" to enter to the "***password reset mode***", the green light will blink once.
- D) Enter the seven unique digit password provided with the access system controller.

If the operation was successful, the system will beep twice and the green light will remain ON for 3 seconds.

After this operation, the password will be reset to "1234"

## 12 – Independent door Set/Unset (Switch mode 2-->mode 3)

- A) Press and hold the Escape key "ESC" until a double beep is heard. The orange light will remain on to indicate you have entered into the **programming mode**.
- B) Press Enter "ENT" key, the green light will blink once.
- C) Press key number nine "8" to enter to the "**independent doors**" operation mode, the green light will blink once.
- D) Enter the seven unique digit password provided with the access system controller. If the operation was successful, the system will beep twice and the green light will remain ON for 3 seconds.

Once the operation is completed, when new credentials are enrolled, it will be required to define authorized door/s number (Mode3). Please from this moment refer to operational instruction for mode 3 to perform management operations

## 13 – System Reset

- A) Press and hold the Escape key "ESC" until a double beep is heard. The orange light will remain on to indicate you have entered into the **programming mode**.
- B) Press Enter "ENT" key, the green light will blink once.
- C) Press key number nine "9" to enter to the "**system reset**" operation mode, the green light will blink once.
- D) Enter the seven unique digit password provided with the access system controller. If the operation was successful, the system will beep twice and the green light will remain ON for 3 seconds.

Once the operation is completed, all the users and settings will be deleted, the password will be reset to "1234"; and the system will be reset to factory settings.

### Security features and error signals:

- Upon entering a wrong command key the system will beep once, the orange light will blink once and remain off indicating that the system exited the programming mode
- Upon thirty five seconds(35)of idle time between commands the system will beep once, the orange light will blink once and remain off indicating that the system exited the programming mode
- After three (3) failed attempts of entering the security password the system will be blocked for 5 minutes, during that time it will not be possible to enter into the programming mode.
- Upon attempt to enroll an already existent credential the light on the reader will remain green for 10 seconds and the controller will beep 7 times.
- Upon attempt to enroll more than one thousand to hundred and sixty(1.260) credentials the light on the readers will blink for 20 seconds and the orange and green light will turn off indicating the system exited the programming mode.
- To exit the programming mode at any time press escape key "ESC"

## System Functions – Operational Mode 3

- 1. Enroll/Edit a single credential:** To incorporate a new credential into the system or modify authorized door to an existent credential
- 2. Enroll/Edit multiple credentials:** To incorporate a number of credentials into the system or modify authorized doors to existent credentials
- 3. Delete a credential:** To delete a credential in order to prevent unwanted access.
- 4. Replace a credential:** To delete a lost or stolen credential and enroll a new one.
- 5. Door monitor activation:** Security feature that provides a continuous warning signal when a door remains open. **Door contact** installation is required in order to utilize this feature.
- 6. Door monitor deactivation:** To disable the door monitor feature.
- 7. Unlocked mode:** To keep the door/s unlocked to grant access to visitors or people who do not have a credential.
- 8. Locked mode:** To switch-back from open mode (7) to locked mode (credential holder only access)
- 9. Unlocking time set:** To set the number of seconds that the door will remain unlocked after presenting the credential over the credential reader
- 10. Password change:** To change the actual password to a new one.
- 11. Password reset:** To reset the password back to the default one.
- 12. Independent readers set/unset:** To switch the system to mode 3 to mode 2(two doors access control where enrolled credentials unlock both doors)
- 13. System reset:** To delete all existent users and settings. The system will be back to the factory settings.



## Keypad Operation Instructions – Operational Mode 3

### 1 – Enroll/Edit a single credential

- A) Press and hold the Escape key "ESC" until a double beep is heard. The orange light will remain on to indicate you have entered into the **programming mode**.
- B) Enter the 4 digit **security password**. The green light will blink twice if the correct password was entered.
- C) Press key number one "1" to enter to the "**enroll single credential mode**", the green light will blink once and remain on to indicate that the new credential has to be presented on the reader
- D) Enter the number of door you want to activate the credential on:
  - Enter "1" to enroll the credential to unlock door number 1
  - Enter "2" to enroll the credential to unlock door number 2
  - Enter "3" to enroll the credential to unlock both doors

Present the new credential over the reader (any of the two readers), if the operation was successful the light on the reader will blink twice, turning from red to green, indicating the credential was successfully incorporated into the system. The system will exit the programming mode automatically.

**Note 1:** The last 4 digits printed on the credential are automatically stored into the system, allowing future deletion or replacement if necessary. (Software provided to keep track of users and assigned credentials)

**Note 2:** Upon attempt to enrolling an already existent credential with the same authorized door the light on the reader will remain green for 10 seconds and the controller will provide a warning beeping 7 times.

### 2- Enroll/Edit multiple credentials

- A) Press and hold the Escape key "ESC" until a double beep is heard. The orange light will remain on to indicate you have entered into the **programming mode**.
- B) Enter the 4 digit security password. The green light will blink twice if the correct password was entered.
- C) Press key number one "0" to enter to the "**enroll multiple credentials mode**", the green light will blink once and remain on to indicate that new credentials have to be presented on the reader.
- D) Enter the number of door you want to authorize the access to:
  - Enter "1" to enroll the credentials to authorize unlocking door number 1
  - Enter "2" to enroll the credentials to authorize unlocking door number 2
  - Enter "3" to enroll the credentials to authorize unlocking both doors
- D) Present the new credentials over the reader consecutively, after each credential is presented, the light on the reader will blink twice, turning from red to green indicating the credential was

successfully incorporated into the system, if the credential was already in the system and it was set with a different authorized door/s the modification will be made.

- F) To finish the operation press and hold the Escape key "ESC" until double beep is heard, the orange and green light will be turn off indicating that the system exited the programming mode.

**Note 1:** The last 4 digits printed on the credential are automatically stored into the system, allowing future deletion or replacement if necessary. (Software provided to keep track of users and assigned credentials)

**Note 2:** Upon attempt to enrolling an already existent credential with the same authorized door the light on the reader will remain green for 10 seconds and the controller will provide a warning beeping 7 times.

### 3 - Delete a credential

A) Press and hold the Escape key "ESC" until a double beep is heard. The orange light will remain onto indicate you have entered into the **programming mode**.

B) Enter the 4 digit **security password**. The green light will blink twice if the correct password was entered.

C) Press key number two "2" to enter to the **"delete credential mode"**, the green light will blink once.

D) Enter the last four (4) digits of the credential you want to delete

If the operation was successful, the system will beep twice and the green light will remain ON for 3 seconds.

### 4 - Replace a credential

A) Press and hold the Escape key "ESC" until a double beep is heard. The orange light will remain on to indicate you have entered the **programming mode**.

B) Enter the 4 digit **security password**. The green light will blink twice if the correct password was entered.

C) Press key number three "3" to enter to the **"replace credential mode"**, the green light will blink once.

D) Enter the last four (4) digits of the credential you want to replace. If the deletion was successful, the system will beep twice.

- E) Enter the number of door you want to activate the new credentials on:
- Enter "1" to enroll the credentials to unlock door number 1
  - Enter "2" to enroll the credentials to unlock door number 2
  - Enter "3" to enroll the credentials to unlock both doors

the green light will blink once and will remain on indicating that the new credential has to be presented on the reader.

F) Present the new credential over the reader, successful the light on the reader will blink twice, turning from red to green, indicating the credential was successfully incorporated into the system

## 5 - Door monitor activation (door contact installation required)

A) Press and hold the Escape key "ESC" until a double beep is heard. The orange light will remain on to indicate you have entered into the **programming mode**.

B) Enter the 4 digit **security password**. The green light will blink twice if the correct password was entered.

C) Press key number four "4" to enter the "**door monitor activation**" command.

If the operation was successful, the system will beep twice and the green light will remain ON for 3 seconds.

## 6 - Door monitor deactivation

A) Press and hold the Escape key "ESC" until a double beep is heard.

The orange light will remain on to indicate you have entered into the **programming mode**.

B) Enter the 4 digit **security password**. The green light will blink twice if the correct password was entered.

C) Press key number five "5" to enter the "**door monitor deactivation**" command.

If the operation was successful, the system will beep twice and the green light will remain ON for 3 seconds.

## 7 - Unlocked Mode

A) Press and hold the Escape key "ESC" until a double beep is heard. The orange light will remain on to indicate you have entered into the **programming mode**.

B) Enter the 4 digit password. The green light will blink twice if the correct password was entered.

C) Press key number six "6" to enter the "**unlocked mode**" command.

- D) Enter the door number you want to unlock,
- Enter "1" to unlock door number 1
  - Enter "2" to unlock door number 2
  - Enter "3" unlock both doors

If the operation was successful, the system will beep twice and the green light will blink once and remain ON indicating that door/s remain unlocked

## 8 - Locked Mode

- A)** Press and hold the Escape key "ESC" until a double beep is heard. The orange light will remain on to indicate you have entered into the ***programming mode***.
- B)** Enter the 4 digit ***security password***. The green light will blink twice if the correct password was entered.
- C)** Press key number seven "7" to enter the ***"locked mode"*** command.
- D)** Enter the door number you want to lock (credential access only),
- Enter "1" to lock door number 1
  - Enter "2" to lock door number 2
  - Enter "3" to lock both doors

If the operation was successful, the system will beep twice and the green light will remain ON for 3 seconds.

## 9 - Unlocking time set

- A)** Press and hold the Escape key "ESC" until a double beep is heard. The orange light will remain on to indicate you have entered into the ***programming mode***.
- B)** Enter the 4 digit ***security password***. The green light will blink twice if the correct password was entered.
- C)** Press key number eight "8" to enter to the ***"unlocking time set mode"*** the green light will blink once.
- D)** Enter the number of seconds you want the door to remain unlocked after the credentials are presented on the reader, accepted values are between two (2) and nine (9) seconds.

If the operation was successful, the system will beep twice and the green light will remain ON for 3 seconds.

## 10 -Change Password

- A)** Press and hold the Escape key [ESC] until a double beep is heard. The orange light will remain on to indicate you have entered into the ***programming mode***.
- B)** Enter the 4 digit ***security password***. The green light will blink twice if the correct password was entered.
- C)** Press key number nine "9" to enter to the ***"password change"*** operation mode, the green light will blink once.
- D)** Enter the four digits of the new password (0-9 digit allowed).

If the operation was successful, the system will beep twice and the green light will remain ON for 3 seconds

## 11- Password Reset

- A) Press and hold the Escape key "ESC" until a double beep is heard. The orange light will remain on to indicate you have entered into the programming mode.
- B) Press Enter "ENT" key, the green light will blink once.
- C) Press key number seven "7" to enter to the "**password reset mode**", the green light will blink once.
- D) Enter the seven unique digit password provided with the access system controller.

If the operation was successful, the system will beep twice and the green light will remain ON for 3 seconds.

After this operation, the password will be reset to "1234"

## 12 – Independent door Set/Unset (Switch mode 3-->mode 2)

- A) Press and hold the Escape key "ESC" until a double beep is heard. The orange light will remain on to indicate you have entered into the **programming mode**.
- B) Press Enter "ENT" key, the green light will blink once.
- C) Press key number nine "8" to enter to the "**independent doors**" operation mode, the green light will blink once.
- D) Enter the seven unique digit password provided with the access system controller. If the operation was successful, the system will beep twice and the green light will remain ON for 3 seconds.

Once the operation is completed, all the users will have access to both doors, when new credentials are enrolled, it will not be required to define authorized door/s number (Mode3 to mode 2 switch) Please refer to operational instruction for mode 2

## 13 – System Reset

- A) Press and hold the Escape key "ESC" until a double beep is heard. The orange light will remain on to indicate you have entered into the **programming mode**.
- B) Press Enter "ENT" key, the green light will blink once.
- C) Press key number nine "9" to enter to the "**system reset**" operation mode, the green light will blink once.
- D) Enter the seven unique digit password provided with the access system controller. If the operation was successful, the system will beep twice and the green light will remain ON for 3 seconds.

Once the operation is completed, all the users and settings will be deleted, the password will be reset to "1234"; and the system will be reset to factory settings.

### Security features and error signals:

- Upon entering a wrong command key the system will beep once, the orange light will blink once and remain off indicating that the system exited the programming mode
- Upon thirty five seconds(35)of idle time between commands the system will beep once, the orange light will blink once and remain off indicating that the system exited the programming mode
- After three (3) failed attempts of entering the security password the system will be blocked for 5 minutes, during that time it will not be possible to enter into the programming mode.
- Upon attempt to enroll an already existent credential with the same authorized door the light on the reader will remain green for 10 seconds and the controller will beep 7 times.
- Upon attempt to enroll more than one thousand to hundred and sixty(1.260) credentials the light on the readers will blink for 20 seconds and the orange and green light will turn off indicating the system exited the programming mode.
- To exit the programming mode at any time press escape key "ESC"