Contents

3 GENERAL REMARKS AND COMMISSIONING
3 Access to menus
3 Placing the finger on the reader
3 List of terminal connections
3 First time in use
3 Warnings
4 MENU DESCRIPTIONS
4 Technical Menu
4 User Menu
4 Event Menu
5 Time Setting
5 Sensor Setting
5 Time Period Menu
5 Public Holiday Menu
5 User Account Menu
5 Preferences Menu
6 Sensor Calibration
6 Mode Menu
6 Password Menu
6 Language Menu
6 Information Menu
6 Exit
GENERAL REMARKS AND COMMISSIONING

ACCESS TO MENUS
Press one of the arrow keys \(< >\) and input your password or place your finger on the reader.

PLACING A FINGER ON THE READER

LIST OF TERMINAL CONNECTIONS

FIRST TIME IN USE
The first time the reader is powered up, you should:

- Enter and confirm the new administrator password. The password can have a maximum of eight characters and must include at least one number and one punctuation mark. E.g. A B 3 C !
- Select the operating mode: "Standalone or Applet" (see § 11. "Mode Menu" page 6).
- Calibrate the sensor (see § 10. "Sensor Calibration" page 6).
- Set the "Open collector outputs" (see § 1. "Technical Menu" page 4) to:
  - "Inactive" if the reader is in standalone mode;
  - "Wiegand 26 bits" if the reader is connected to the door controller Cat. No. 767 04.

WARNINGS

Caution:

- In the event of a lost or forgotten password, the reader displays a code after three failed password attempts. Please contact technical support and give this code to have the system unlocked.

- If the reader LED is displaying red permanently, check the following points:
  - Poor light conditions: too much exposure to a halogen lamp or sunlight. The sensor is very sensitive to infrared rays.
  - Incorrect power supply: check supply, it should be 12 V.
1. TECHNICAL MENU

Setting parameters for:

- **Open Col. Outputs**: open collector outputs.
  - **Inactive**: outputs deactivated (standalone mode).
  - **Break-ins**: DATA1 output - alarm management in on/off or pulsed mode.
  - DATA0 output - management of door or reader box break-in.
  - **Wiegand 26 bits**: Activation of the Wiegand 26 bit mode, set site code parameters to 1 and rejection code to 65535 (code sent if vein pattern not recognised).
  - **Clock And Data**: Activation of the Clock&Data mode, possible to set site code parameters to 1 and rejection code to 65535 (code sent if vein pattern not recognised).

The following parameter settings can only be accessed in standalone mode:

- **Opening time delay**: time delay configured as on/off or from 1 to 255 seconds.
- **Push button**: push button input configured as deactivated/NO/NC.
- **Door contact**: door contact input configured as deactivated/NO/NC.
- **Locked door time delay**: time delay configured as deactivated or from 1 to 255 minutes. Accessible if the door contact is activated. Generates a break-in at end of time delay if a door does not close.
- **Alarm State Input**: alarm state input configured as deactivated/NO/NC. Users will no longer be authorised as long as this input remains active.
- **Alarm Output**: alarm configured as in/out of service (active/inactive).
- **Alarm time delay**: alarm configured as on/off or from 1 to 255 seconds. Accessible if the alarm output is activated.
- **Free access period**: free access periods from 1 to 32 configurable, periods 33 to 64 not used (see § 6. "Time Period Menu" page 5).
- **Summer time**: changeover between summer and winter time configured as automatic.

2. USER MENU

- **Add a user**: user registered and his/her status and access period selected. In Wiegand or clock&data mode, encoding of identifier to be sent from 1 to 65535.
- **Modify an existing user**: user re-registered and his/her status and access period selected. In Wiegand or clock&data mode, encoding of identifier to be sent from 1 to 65535.
- **Delete a user**.

Setting parameters for a user:

- One or two fingers can be registered for each user. Caution: the reader is restricted to 1000 registered fingers: either 1000 users with one finger registered or 500 users with two fingers registered.
The user must place his/her finger on the reader three to five times to register, three by default (see § 5. "Sensor Setting" page 5).
- **Status configuration**: Authorised/Withdrawn.
- **Time periods** 1 to 32 configurable, periods 33 to 64 not used (see § 6. "Time Period Menu" page 5).
- **Configuring menu access rights**: Allows quick access to menus without entering the password with three access levels: No = no access.
  - Limited = "User Account" (see § 8. "User Account Menu" page 5).
  - Unlimited = administrator account.
- **Name entry**: optional, comprising sixteen characters at most.
- **First name entry**: optional, comprising sixteen characters at most.

3. EVENT MENU

Consulting all events. Use the arrow keys < | > to scroll through.
MENU DESCRIPTIONS

4. TIME SETTING
Setting the reader's date and time.

5. SENSOR SETTING
Setting parameters for:
- Security level: 0 to 5 (2 by default, 0 is the lowest level and 5 the highest).
- Number of registrations: 3 to 5 (3 by default), number of times the user must place his/her finger on the reader to be registered.
- Sensitivity: 8 to 900 - Value is 50 by default (do not change).
- Sensitivity 1: 8 to 900 - Value is 30 by default (do not change).
- Sensitivity 2: 0 to 900 - Value is 20 by default (do not change).
Note: the higher the sensitivity level, the longer the time to analyse a non-registered finger and the lower the risk of rejecting a registered user.

6. TIME PERIOD MENU
Configuring time periods. 32 "free access" periods and 32 "user access" periods. Menu only accessible in standalone mode.

7. PUBLIC HOLIDAY MENU
Configuring time periods. 32 "free access" periods and 32 "user access" periods. Menu only accessible in standalone mode.

8. USER ACCOUNT MENU
"User" account activation/deactivation.
This account defines the menus accessible to users with limited access to the menu (see § 2. "User Menu" page 4).
Enter the "User" account password and define access rights to each reader menu.
Note: the password must include at least one number and one punctuation mark.

9. PREFERENCES MENU
Setting parameters for:
- Box break-in: active/inactive.
- Tearing off: active/inactive.
- Buzzer: active/inactive.
- Animated backlighting: active/inactive.
- Stand-by: active/inactive.
- Backlighting power: 00 to 05
- Entry type: keypad/scrolling.
10. SENSOR CALIBRATION

<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>With nothing in front of the sensor press OK.</td>
<td>Place the calibration sheet on the sensor, with the markings facing it and press OK.</td>
<td>Turn the calibration sheet over and press OK.</td>
<td>Remove the calibration sheet and press OK.</td>
<td>Place your middle finger on the reader and press OK.</td>
</tr>
</tbody>
</table>

11. MODE MENU

Configuring the operating mode.
- **Standalone or Applet**: standalone or centralised operation with the door management system Cat. No. 76704, possible to set reader IP parameters.
- Management via RS485 central unit: not used.
- Management for RS485 offset control: not used.
- Management via RS485 software: not used.
- Management via IP software: not used.

12. PASSWORD MENU

Modification of passwords, Administrator, User Account and menu access.
Note: The password can have a maximum of eight characters and must include at least one number and one punctuation mark. E.g. A B 3 C !

13. LANGUAGE MENU

Selecting the display language.

14. INFORMATION MENU

Displays the reader model and serial number.

15. EXIT

To leave the menus.