



Periferica (2in-2out)
prossimità K5 (125KHz) e biometrico

KP-ACN-BP

Manuale d'uso e manutenzione

La presente documentazione tecnica è stata redatta dal costruttore. E' parte integrante ed essenziale del prodotto e dovrà essere consegnata al futuro utilizzatore e conservata fino alla sua completa dismissione.

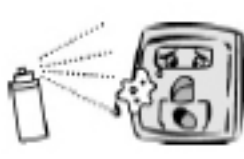
Prima di procedere all'installazione verificare che il prodotto e il relativo imballo non siano danneggiati ed eseguire l'installazione rispettando scrupolosamente le informazioni e le indicazioni fornite al fine di ottenere un corretto funzionamento e prevenire eventuali danneggiamenti non coperti dalla garanzia.

● Warning

Do not operate the terminal with wet hands, and pay attention not to let any liquid such as water enter inside the terminal. → Otherwise, malfunction or electric shock may be caused. 	Keep the terminal away from inflammables. → Otherwise, it may cause a fire. 
Do not disassemble, repair or remodel the terminal at your disposal. → Otherwise, it may cause malfunction, electric shock, or a fire. 	Do not allow children to touch the terminal carelessly. → Otherwise, it may cause safety accidents of children or malfunction. 

- Non-compliance of safety notes may cause death or serious injury for users.

● Cautions

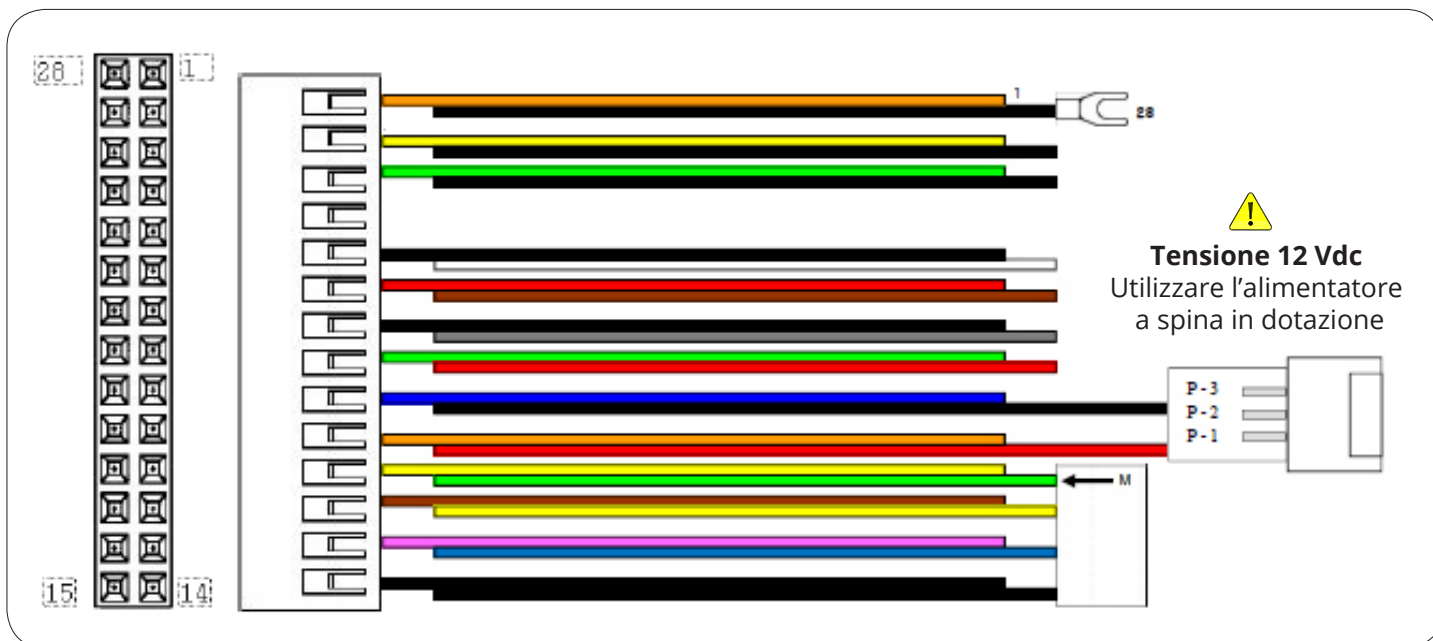
Do not install the terminal in a place exposed to direct sunlight. → Otherwise, it may cause malfunction, deformation and discoloration. 	Do not install the terminal in humid or dusty places. → Otherwise, it may cause malfunction. 
Do not clean this terminal by sprinkling water, nor wipe it with benzene, thinner, and alcohol. → Otherwise, it may cause electric shock or a fire. 	Keep the terminal away from magnets. → Otherwise, it may cause failure and malfunction. 
Keep the fingerprint input section clean. → Otherwise, the fingerprint cannot be recognized correctly. 	Do not spray insecticides or inflammables on the terminal. → Otherwise, it may cause deformation and discoloration. 
Keep the terminal away from shock or sharp objects. → Otherwise, it may damage the terminal and result in malfunction. 	Do not install the terminal in a place where there is a severe change in temperature. → Otherwise, it may cause malfunction. 

- Non-compliance of safety notes may cause personal injury or property damage for users.

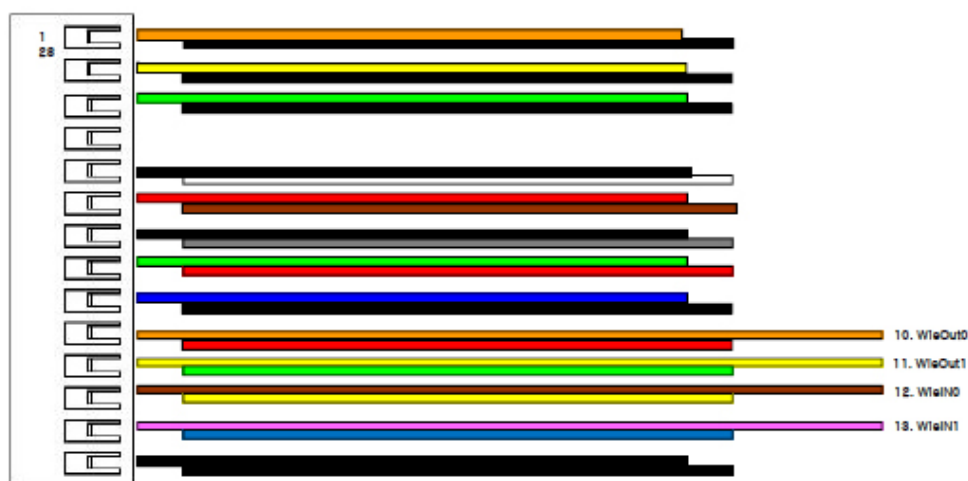
※ We are not responsible for any accidents and damage that may arise from non-compliance of the information in this manual.

2 COLLEGAMENTI

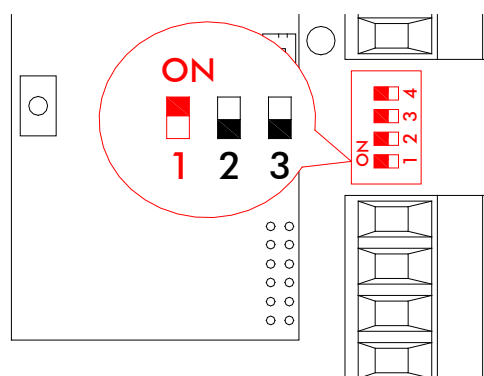
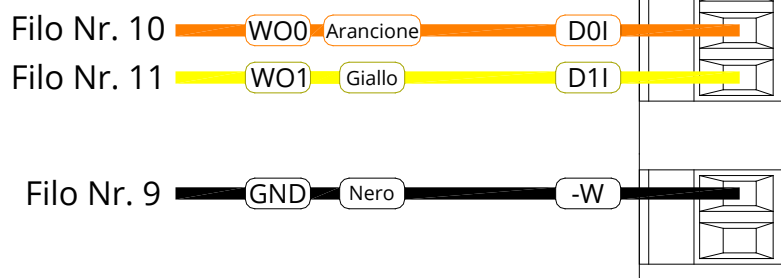
ALIMENTAZIONE LETTORE BIOMETRICO



LETTORE BIOMETRICO - INTERFACCIA WIEGAND

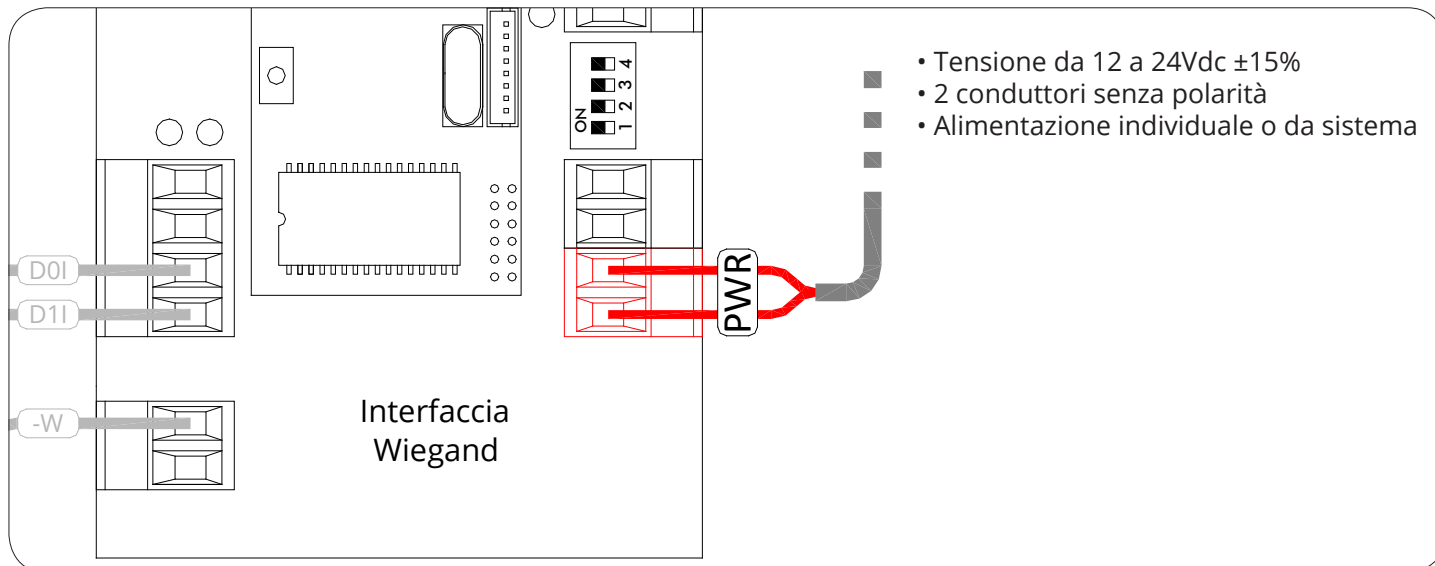


**Il collegamento
Lettoce Biometrico - Interfaccia Wiegand
non deve superare 1 metro**

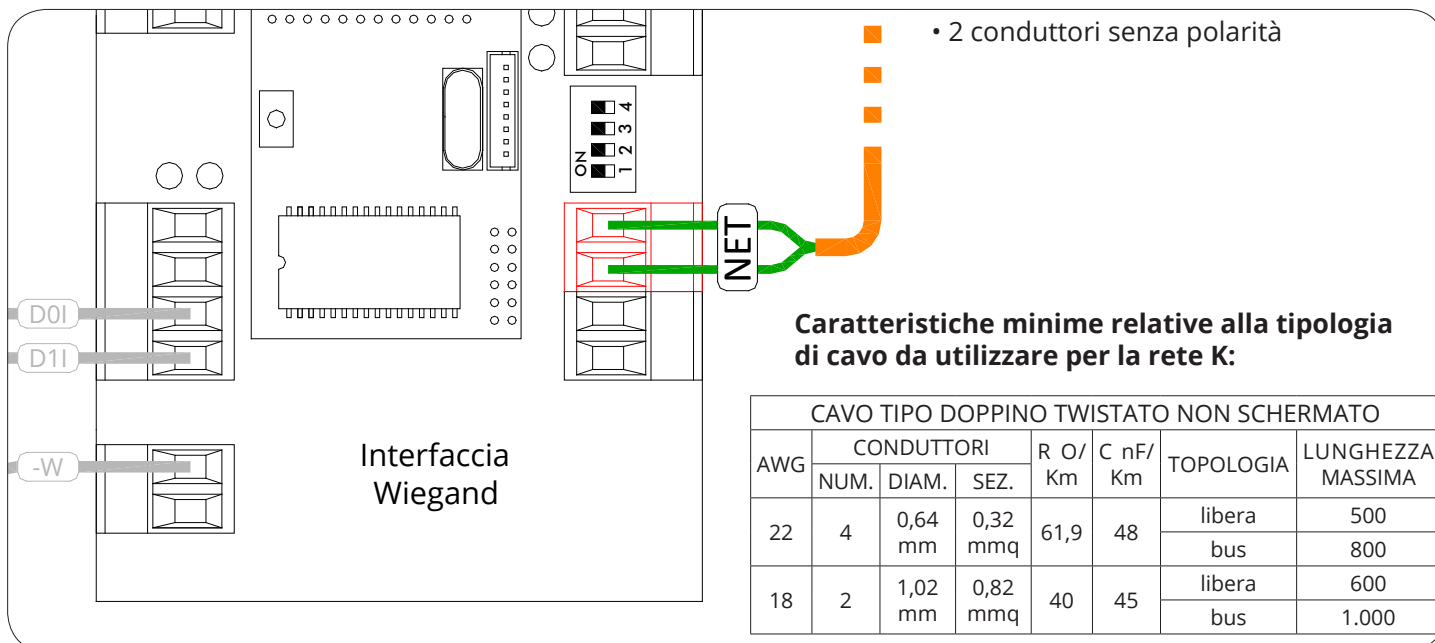


**Il DIP-SWITCH 1
deve essere posizionato
su ON**

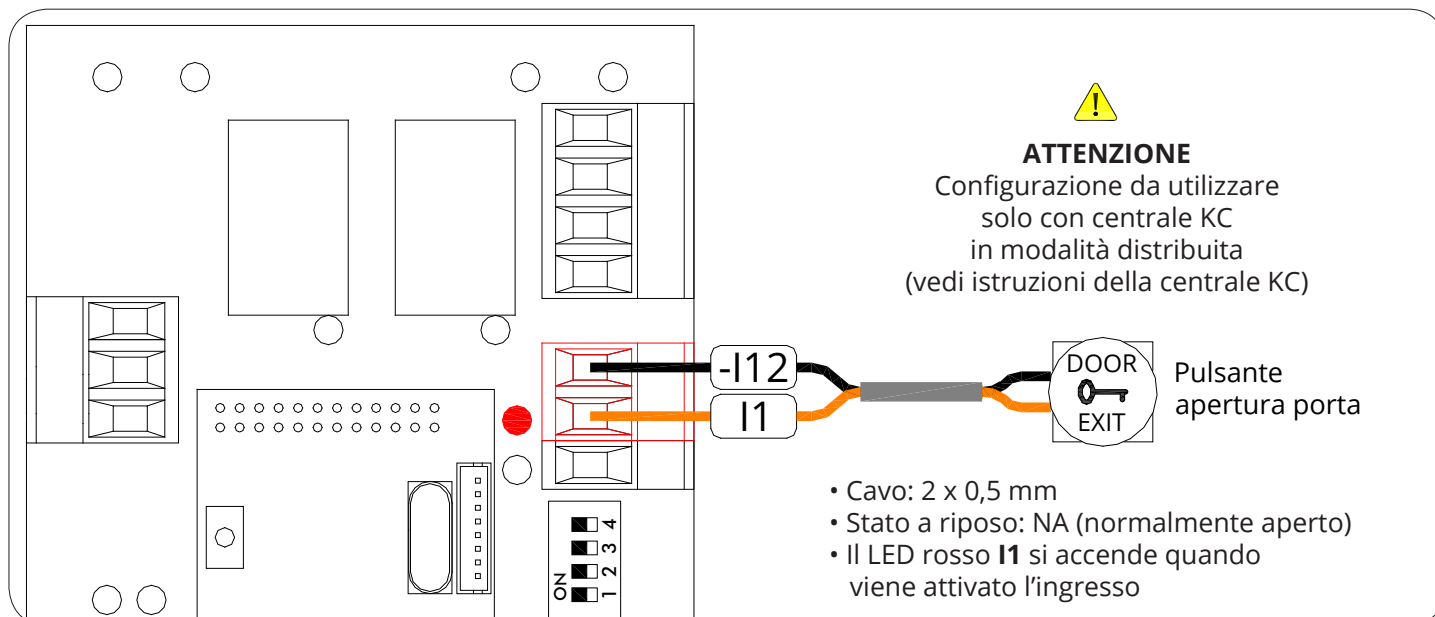
INTERFACCIA WIEGAND - ALIMENTAZIONE (PWR)



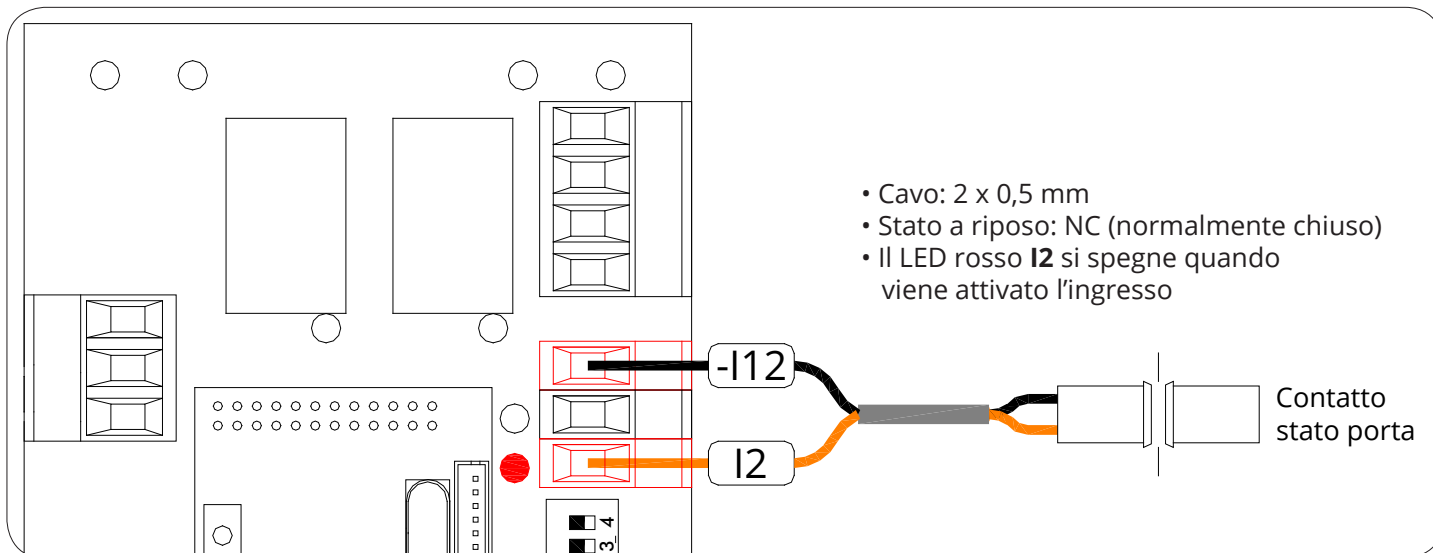
INTERFACCIA WIEGAND - RETE K (NET)



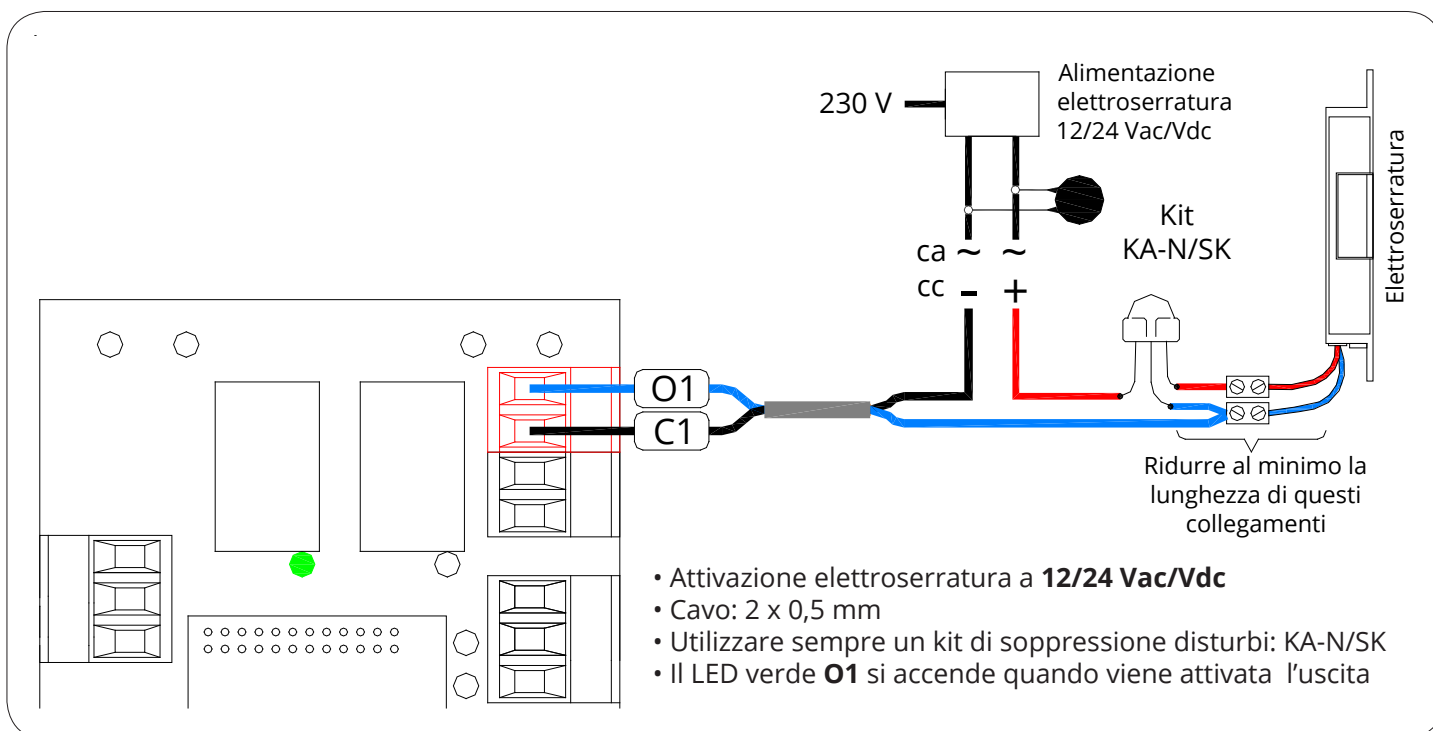
INTERFACCIA WIEGAND - INGRESSO 1



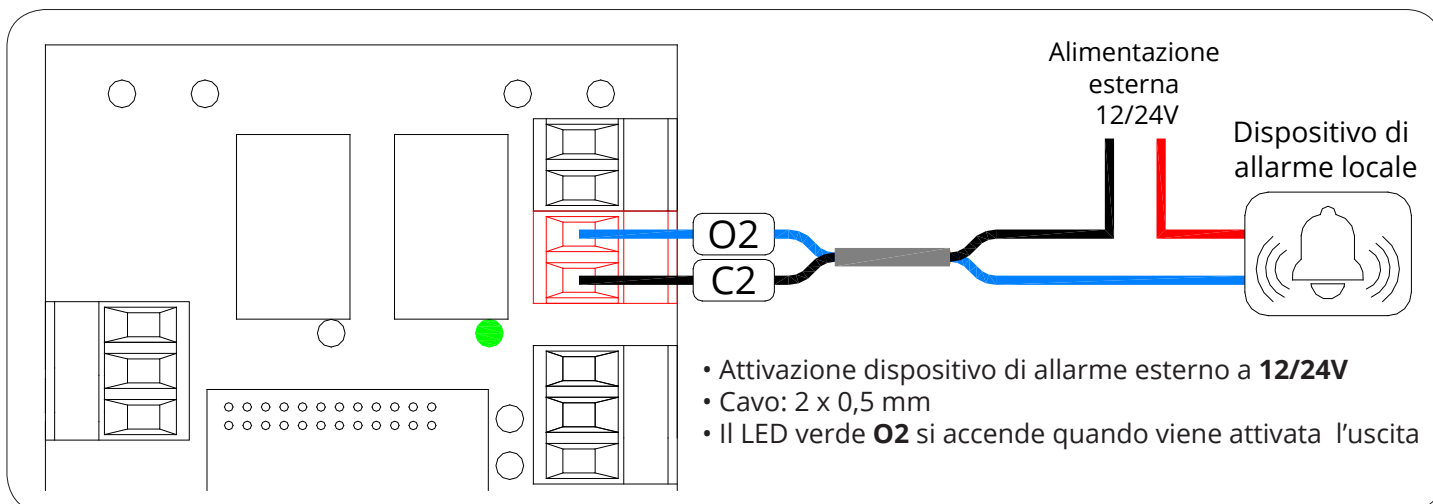
INTERFACCIA WIEGAND - INGRESSO 2

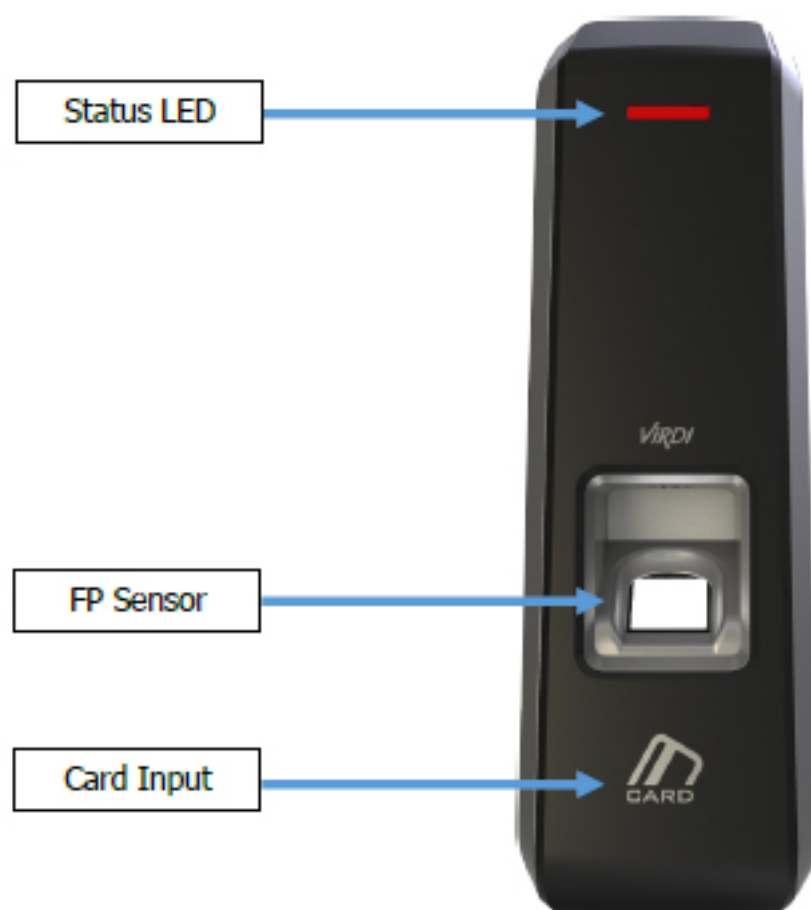


INTERFACCIA WIEGAND - USCITA 1



INTERFACCIA WIEGAND - USCITA 2





<i>Blue</i>	Power	Blue	On: Normal Flickering: Under Bluetooth communication
<i>Green</i>	Door	Green	On: Door Open Off: Door Close
<i>Red</i>	Alarm	Red	Off: Normal Flickering: Case Open or Pending register the Mobile Admin App

※ The LED may light on simultaneously in some cases. (Ex. Red and Blue flicker)

Ppik	When button or card is operated	- If the button is pressed or if the terminal reads the card - If your finger may be released because your fingerprint has been successfully entered
Ppibik	When failure	If authentication fails or the user's input is wrong
Ppiririk	When success	If authentication is successful or if the current user finishes settings

5 CONFIGURAZIONE CON APP PER iOS E ANDROID

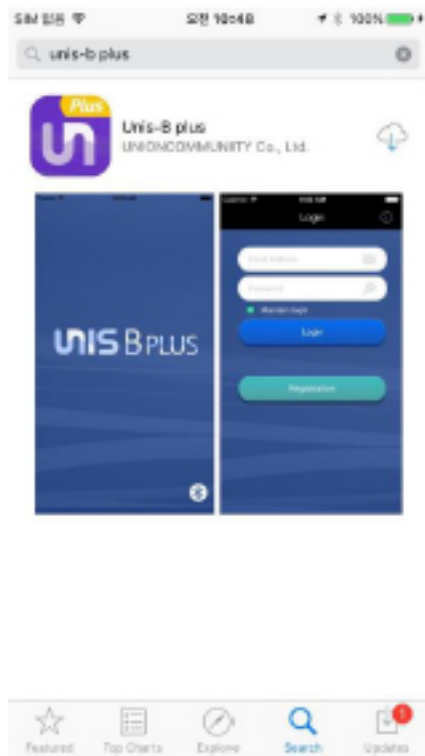
⚠ Prima di potere essere utilizzato, Il biometrico KP-ACN-BP va correttamente configurato attraverso un dispositivo mobile. A tal fine occorre scaricare e installare l'APP Unis-B plus.

Su dispositivi **Android**: ricercare e scaricare l'APP da **Play Store**

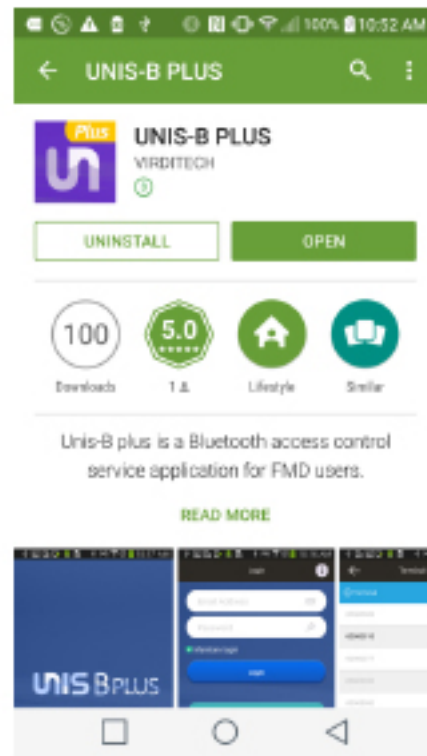
Su dispositivi **iOS**: ricercare e scaricare l'APP da **App Store**

2.1 Unis-B plus App Installation

Install the Unis-B plus app by searching for Unis-B plus in App Store for iOS or in Play Store for Android.



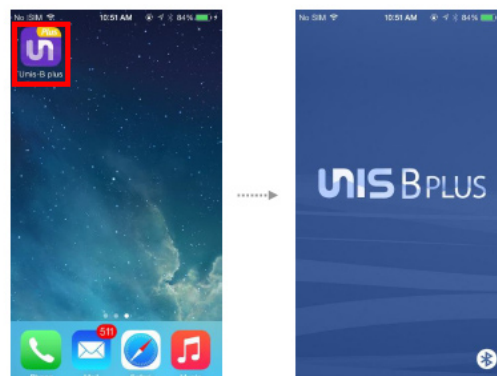
Picture left: App Store for iOS



Picture right: Play Store for Android

2.2 Unis-B plus Execution

Run the program by pressing the Unis-B plus icon after installation of the Unis-B plus. The initial screen appears, and then moves to the intro menu automatically after 2 - 3 seconds.



3.1 Login

Membership

It moves to the membership screen by selecting [Membership] button in the login screen. The sign up is completed by selecting [Sign Up] button after entering the contents in all input windows.

The image displays three screenshots of a mobile application interface. The top screenshot shows the 'Login' screen with fields for 'Email Address' and 'Password', a 'Maintain login' checkbox, and buttons for 'Login' and 'Registration'. The 'Registration' button is highlighted with a red rectangle. The bottom-left screenshot shows the 'Registration' screen with fields for 'Email Address', 'Mobile number' (with a '+1' country code), 'Password', 'Reenter Password', and a radio button selection between 'Site Code' and 'Client name'. The 'Site Code' radio button is selected and highlighted with a red rectangle. The bottom-right screenshot shows the 'Registration' screen with the same fields, but the 'Client name' radio button is selected and highlighted with a red rectangle. The 'Country' field is set to 'Korea, Republic of'.

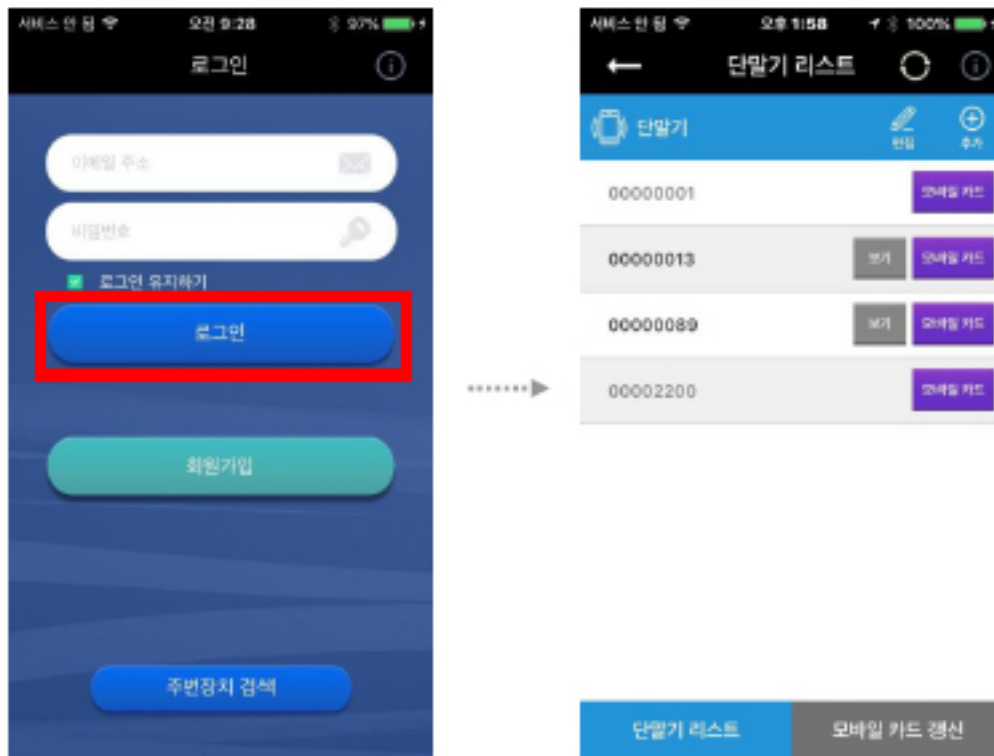
Picture left: If you selected the site code, enter the site code granted in advance.

Picture right: If you selected the customer's name, enter the customer's name and select the country.

- ✓ Email address: The possible length of input is limited to 100 characters. When pressed the [Sign Up] button, if the format of email address is not correct, then a pop-up window, "Please check your email format.", will occur.
- ✓ Country code: If succeeded in membership or mobile issuance, when the country code applied finally is moved to another screen, it is exposed to the shown country code selection window. When selecting, the country code selection pop-up occurs.
- ✓ Phone number: The possible length of input is limited to 12 characters. If you attempt to enter characters other than numbers, then a pop-up window, "Only numbers can be entered.", will occur.
- ✓ Password: The possible length of input is limited to 20 characters.
- ✓ Password re-enter: The possible length of input is limited to 20 characters. When pressed the [Sign Up] button, if the value in password input window and the value in password re-enter input window differ from each other, then a pop-up window, "Passwords do not match.", will occur.
- ✓ Site code: The possible length of input is limited to five characters. When inputting characters other than alphabetical characters and numbers, a pop-up window, "Only alphabetical characters and numbers can be entered.", will occur.
- ✓ Customer's name: The possible length of input is limited to 33 characters for Hangul standards, and 100 characters for alphabetical characters or numbers.
- ✓ Country: When selecting, the country selection pop-up occurs.
- ✓ [Sign Up] button: If the input window is empty, the cursor will move to the appropriate input window. If succeeded in the membership, a pop-up window, "The membership has been completed.", occurs, and if pressed [Confirm] button in the pop-up window, then it will be switched to web login screen. If trying a membership with the already registered email, a pop-up window, "It is a user already registered.", occurs, and if trying a membership with the site code of customer already registered, a pop-up window, "It is a site code already registered.", will occur. If entered an invalid site code, a pop-up window, "It is an invalid site code.", will occur. Besides, if failed to a membership, a pop-up window, "You failed to register as a user." will occur.

Login

By entering email address and password, and selecting the [Login] button, the terminal list screen appears. (If it is used by interlocking with the Unis, a valid mobile card can be issued only by the connection with the logged in account in the Unis.)

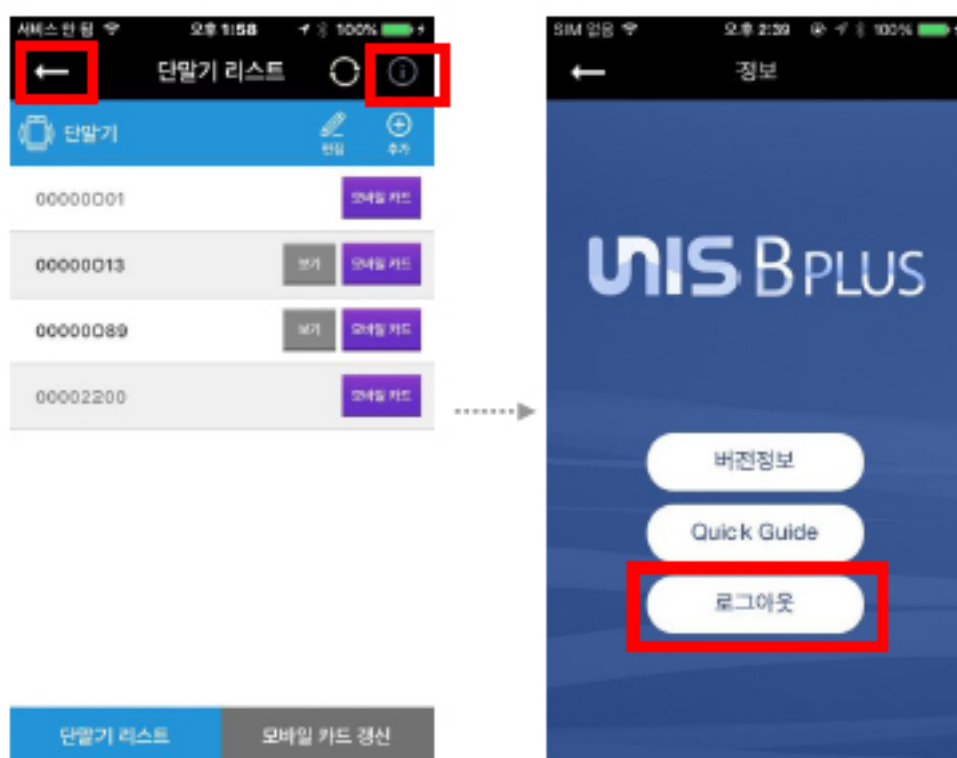


- ✓ Email address: The possible length of input is limited to 100 characters. When pressed the [Login] button, if the format of email address is not correct, a pop-up window, "Please check email format.", will occur.
- ✓ Password: The possible length of input is limited to 20 characters.
- ✓ [Login] button: If the input window is empty, the cursor will move to the appropriate input window. If it is succeeded in the login, it will be switched to the terminal list screen. If entered email or password not registered incorrectly, a pop-up window, "User Information Error", will occur.
- ✓ [Peripherals Search] button: It moves to the peripherals search screen.

3.2 Logout

Logout

It is logged out by selecting the [Back] button in terminal list screen, or by selecting the [Logout] button in the information screen. It moves to the information screen by selecting the [Information] button on the upper right corner of each screen. If entered into the information screen in the state of login, the [Logout] button is exposed, otherwise, the [Logout] button is not exposed.



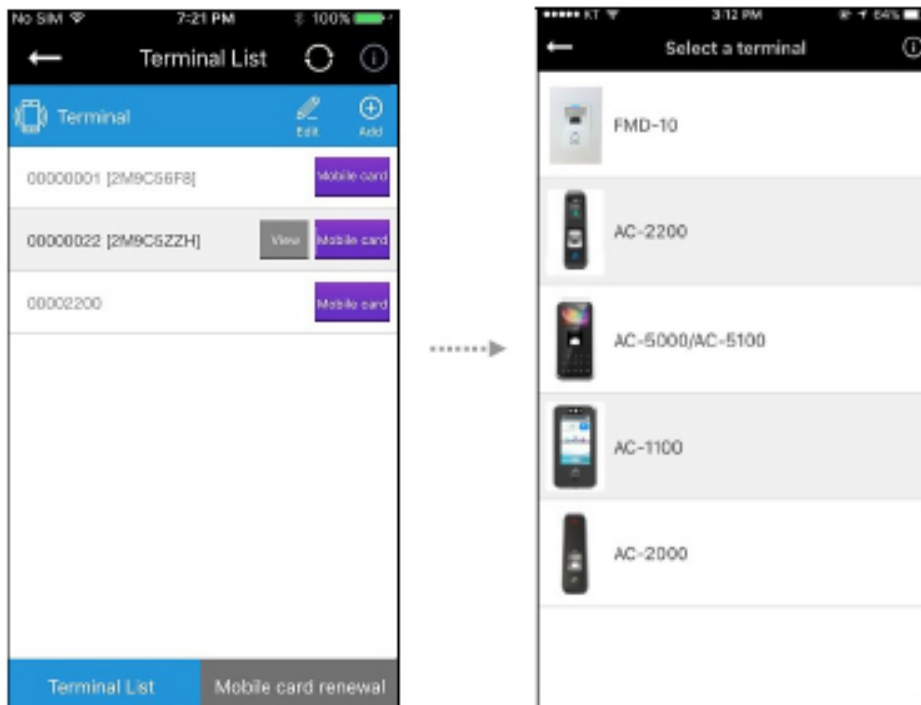
- ✓ [Back]/[Logout] button: A pop-up window, "Will you logout?", will occur.

3.1.1. Run UNIS-B Plus (Mobile App)

Visit the App store on your Smartphone and install the Mobile App 'UNIS-B Plus'.
And click on the UNIS-B Plus icon installed to run program.
After initializing for more than 2 seconds, the intro menu screen will automatically be displayed.

3.1.2. Add Terminal

When selecting **[Add]** in the upper right corner of **[Terminal List]**, the Terminal Select screen will be displayed.

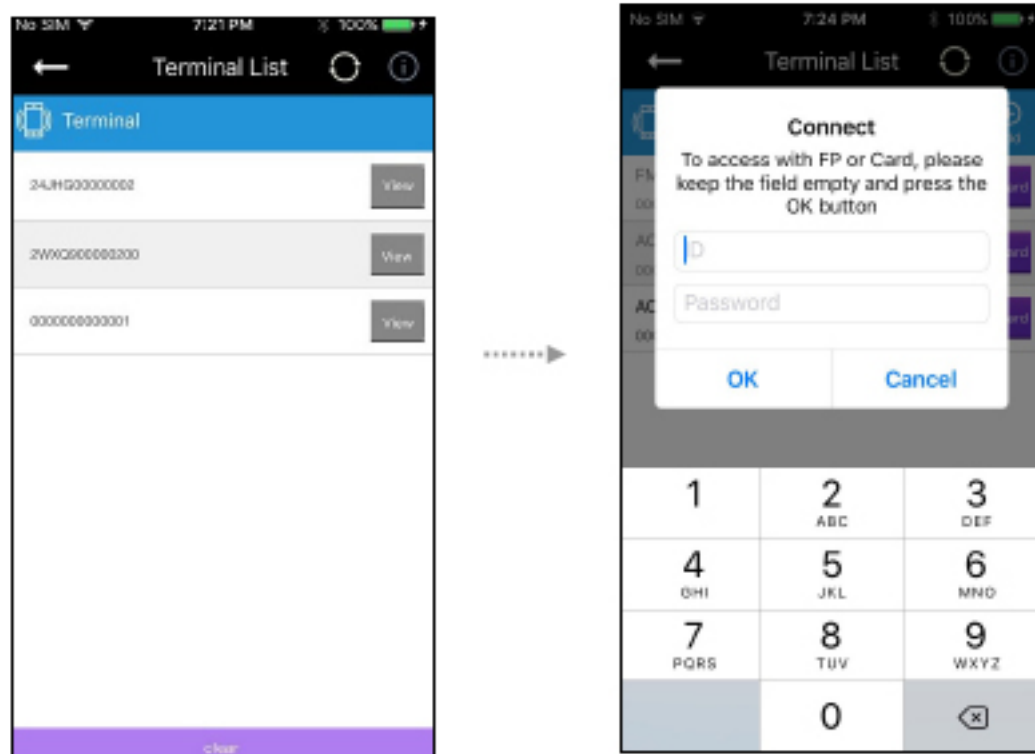


Select the Terminal you want to register then go to the Terminal Search screen to find out the Terminal Registration Guide.

When you opened the Temper Switch on the back of device, place your finger on the fingerprint input window and wait for about 5 seconds to operate and register the Terminal.



NELLA FASE DI REGISTRAZIONE DEL DISPOSITIVO
E DURANTE LA REGISTRAZIONE DELLE IMPRONTE
BISOGNA POSIZIONARE IL DITO SUL SENSORE
PER 2 VOLTE



Even if there is no registered administrator in the terminal, user can access device without input ID and Password.

If there is registered administrator in the terminal, user can access device by attempting authentication methods pre-defined.

If there is any user ID input, the 1:1 authentication is performed, but 1:N authentication is performed if the user ID is not registered.

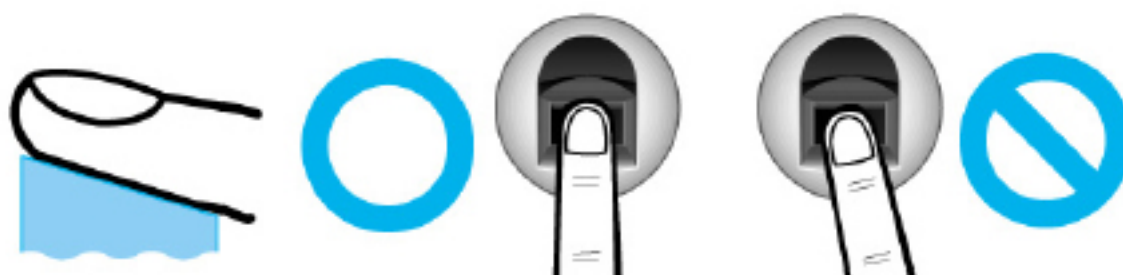
After successful authentication, the screen will go to the User Management Menu.

8 REGISTRAZIONE IMPRONTE

- Correct fingerprint input method

Enter your fingerprint as if you take a thumbprint by using your forefinger if possible.

The fingerprint cannot be correctly registered and entered only by your fingertips. The center of the fingerprint should be touched with the fingerprint input section.



- Enter the fingerprint of your forefinger if possible.

3.2. User Management

3.2.1. Add User

When pressing the **[Add]** button on the main screen **[User Management]**, and the following screen will appear.



Enter the user information to register on **[Add User]** screen.

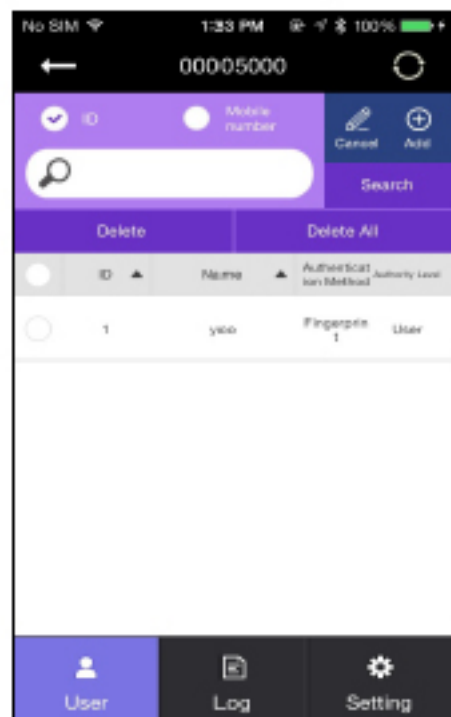
When you complete input the user information, select **[Save]** button in the upper right corner.

If the user information is normally entered, the terminal will be ready for card or fingerprint input.

When the set authentication method is completed, it returns to **[User Management]** screen.

3.2.2. Delete User

When pressing the **[Edit]** button on the main screen **[User Management]**, the following screen will appear.



Select the ID of the user you want to delete from the registered users of the terminal and press **[Delete]** button or if you want to delete all the information registered, press **[Delete All]** button.

(If the Mode is set to 'Network', the **[Delete All]** button will be deactivated.)

3.2.3. Modify User

Select the user you want to modify on **[User Management]** screen, and the screen goes to the User Detail.

The screenshot shows the 'User Detail' screen. At the top, there is a status bar with 'No SIM', '1:33 PM', and '100%' battery. Below the status bar is a header with a back arrow, the user ID '00005000', and an 'Edit' button. The main content area contains several fields: 'ID' with the value '1', 'Name' with the value 'yoo', 'Authority Level' with the value 'User', 'Authentication Method' with the value 'Fingerprint', and a 'Password' field. At the bottom, there is a bar with three icons: a SIM card, a fingerprint, and a Wi-Fi symbol. Below these icons is a purple button labeled 'Add registration/Delete'.

After changing the user information except for ID, press **[Save]** button on the screen to save the changes, and also the screen may show the waiting status for the additional authentication when it is required.

When the modification is completed, the screen returns to **[User Management]** screen.

9 CONFIGURAZIONE BIOMETRICO

3.3. Terminal Configuration

3.3.1. Settings via UNIS-B Plus

When pressing **[Setting]** button in the lower right corner of screen, the following screen will appear.

The screenshot shows the 'Terminal Configuration' screen. At the top, there is a status bar with 'No SIM', '1:35 PM', and '100%' battery. Below the status bar is a header with a back arrow, the user ID '00005000', and an 'Edit' button. The main content area contains several settings: 'Voice volume' with the value '0', 'Buzzer volume' with the value '1', 'DHCP use' with a toggle switch, 'Terminal IP' with the value '192.168.0.3', 'SubnetMask' with the value '255.255.255.0', 'Gateway' with the value '192.168.0.1', 'Server IP' with the value '192.168.0.2', 'Port Number' with the value '9870', and 'Firmware Version' with the value 'AC5530 30.82.00.000.04/HFASK-V4.01.01/BLER0 V1.02'. At the bottom, there is a bar with three buttons: 'User', 'Log', and 'Setting'.

The screenshot shows the 'Terminal Configuration' screen. At the top, there is a status bar with 'No SIM', '1:36 PM', and '100%' battery. Below the status bar is a header with a back arrow, the user ID '00005000', and an 'Edit' button. The main content area contains several settings: 'Gateway' with the value '192.168.0.1', 'Server IP' with the value '192.168.0.2', 'Port Number' with the value '9870', 'Firmware Version' with the value 'AC5530 30.82.00.000.04/HFASK-V4.01.01/BLER0 V1.02', and 'Serial Number' with the value '000000000000000000000002'. At the bottom, there is a bar with three buttons: 'User', 'Log', and 'Setting'.

To modify the existing Terminal setting, press **[Edit]** button in the upper-right corner of screen to enter the edit mode. When the modification of terminal setting is completed, press the **[Save]** button to save changed values and return to the main screen.

▶ Buzzer volume

Set the buzzer sound volume of the terminal.

▶ Lock Controller

485 controllers can be selected.

You can select LC-010, BLC-015 and MCP040.

And they will perform authentication, lock control, and log processing.

▶ Card Format

If set to Hexa, hexadecimal is displayed. When set to Decimal, it is displayed in decimal.

If you select [4. Format 5] with the installed RF (low frequency) card reader, the authenticity of the EM card is displayed in decimal notation.

▶ 1: N Level

Set the verification level from 5 to 9 when 1: N authentication is in progress.

▶ 1: 1 Level

Set the verification level from 1 to 9 when 1: N authentication is in progress.

▶ DHCP Use

Set whether to use static IP.

▶ Terminal IP

Set the terminal IP.

▶ Server IP

Set the server IP when used in conjunction with a UNIS server.

▶ Subnet mask

Set the subnet mask value of the terminal.

▶ Gateway

Set the gateway value of the terminal.

▶ Port Number

Set the port of the UNIS server. (Default: 9870)

▶ Firmware version

The device's firmware version and BLE firmware version are displayed.

▶ Time synchronization

Set the time of the terminal and the time of the cellphone to match.

▶ Initialize setting

Initialize all data except logs and user information.

▶ Factory reset

Reset the setting of the terminal.

※ After saving the setting, the terminal will be rebooted, so it is recommended to connect with 30 ~ 60 seconds interval.

10 CARATTERISTICHE TECNICHE

- Sensore ottico
- Riconoscimento utente: < 1 secondo
- Falsi positivi (FAR) < 0,0001%
- Falsi negativi (FRR) < 0,1%
- Capacità utenti: 1000
- Capacità eventi: 100000
- Lettore di prossimità: 125KHz
- Collegamento Bluetooth/Wiegand out
- APP per Android e Apple iOS per programmazione
- Richiede il collegamento a un dispositivo di controllo K (decoder KD o centrale KC)
- Installazione sia in interno che all'esterno protetto dagli agenti atmosferici
- Temperatura di utilizzo: da 0° a +50° C
- Grado di protezione: IP65
- Dimensioni: 58 x 191 x 62 mm
- Alimentazione: 12Vdc
- Assorbimento: 400mA

11 RICLAGGIO E SMALTIMENTO

Le informazioni relative alle corrette modalità di riciclaggio e smaltimento delle apparecchiature Plexa sono disponibili sul sito www.plexa.com nella sezione Azienda - RAEE.



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