Professional Card & program Developers

Access Controller User Manual

Product instructions

(Please read the instructions c refully before using the product)
Please keep the instructions properly.

Technical Indicators

1.Technical specification

Item	Specification
Voltage	12VDC ±12%/1.2A
Lock Relay	12VDC/2A
Environmental temperature	Working:0C~45°C Storage:-10C~55°C
Relative humidify	Working:40%~90%RH Storage:20%~90%RH
Valid Card Capacity	Select 1000 cards according to different models (card code: 001-999)
Password Capacity	Public Password: 1Private Password: 1000
Card Type	ID:125KHz IC:13.56M125KHz EM Type or 13.56Mhz Mifare Type
Card Read Distance	EM Type:5-15CM Mifare Type: 3-5CM
Card reading distance	ID:5-15CM IC:3-5CM
Relay output or level output (option)	Relay output or level output (option)
Exit Button Interface	1
Doorbell Interface	1
Door Status Interface	1 (level output)
Alarm Interface	1 (level output)
WG26Output/Input	Standard Wiegand 26 output and Wigand Input to connect with extra reader

2.Factory Defult

Item	Factory default
Programming password	881122
Door open mode	Card or Fingerprint
Unlock time	3seconds
Anti-break Alarm	off
Anti-break Alarm	off
Lock status	off
Alarm Delay	0 seconds
Modify personal password function	off

3.Buzz and Linght Indicate

Normal Working Condition	
Valid Command	A Shhort Beep Sound
Invalid Command	A Long Beep Sound
Programming Mode ,Green Led light on	
Valid Command	Two Short Beep sound
Invalid Command	Three Short Beep Sound

Programming operation

4.Function Setting

press[#]+[6 -digit programming password] (default: 881122) Enterin the programming mode, can operate to realize 0-9 functions on the right	0	Modify digit programming password]
	1	Cardor password card+ password Door open setting
	2	Set the unlocking time (0-9) seconds
	3	Modify Common Code
	4	Add or remove fingerprints
	5	Add and delete card (A added by user B, Add management card C, Delete card
	6	Restore factory settings
	7	Two machine (master and slave) data copy
	8	Restore the factory setting （ non reserved registered data)
	9	Registraton manage ment card (A. programming registration B hardware registration)

5.Cancel Command

Command have not all been completed, pres sey,ou can cabcelth and

6.Function setting

Enterthe programming mode:
press [#] + [6 –digit programming password] (default: 881122)

Function 0 . Modify program ming-digit program ming password]press[0]+new6 + [confirm the new 6 -digit programming password] Disable the door opening method of general password (default)

Function 1 . (1) Disable the door opening method of general password (default) [1] + [0]toot -toot
Start the door opening method of general password (default)【1】+【1】 toot toot
Start the function of modifying personal password 【1】+【2】 toot toot
(disable the modify personal password function: Press【1】+【3】)toot toot
(Set lock/unlock by swiping+personal password)【1】+【4】 toot toot
(unset lock/unlock by swiping+personal password) (default)【1】+【5】 toot toot
Change personal password under nonprogramming)
[swipe card] toot –toot toot
Press[#] for 3 seconds till sound TOOT-TOOT TOOT. If it make sounds toot–toot toot after press [#] for 2 seconds, it means changing passwords function failed.
(enter 4 origin passwords(default:0000)

Function Setting

Function2 . set opening time
Press [2] + [TT], TT standsforthe unlock time in seconds, such as unlock time in 3 seconds, then TT=03

Function3 . mo dify commom code
Press [3] + [4 digit code], (default: 1234)

Function4 . add and delete fingerprints (supported by some models)
1、Add fingerprint
Press【4】+【1】(enter 3 digit s fingerprint code) , sudh as 001-999) tont toot
Enter 4 times toot – toot succeses
2、 Delete fingerprint (A B C three mode)
A、【4】+【2】 Delete fingerprint ((3 digit fingprint code 001-999 toot– toot
B :press【4】+【2】+ fingerprint toot –toot
C. Management card deletion
In standby mode, swipe the management card for 4 times to enter the delete fingerprint mode
[enter the 3-digit fingerprint code 001-999] orscan the fingerprint

Function 5 . add valid card A, Add card in progrmming process B,add management card C□delelte card
A.add card sunder programming process
[5]+[1]+[Enter 3-dingit card code 001-999] Dudu
Swiping Prox cards, sucess while it makes sound toot toot.
B. Add management card
1、Creat management card A ,Registraton manage ment card【5】+【3】【Code 001 -- 999】swipe card B, hardware registration please refer to Function 9)
2.Add anew user by the management card: swipe the management card once in standby mode + input the 3-digit card code 001-999+ swipe any blank card + add successfully
Supplementary description of function 5:
Remark(1), 3 digit card number must be from 001 to 999 an don't be repeated.
Please keep the card code properly.
Remark (2), when continuous enrollcards , the card number will increase progressively
For example, input 4 digit card number 015, wgen swipe second card, it will be 016
Delete card methods:

Function Setting

A: Delete single card number: press [5]+[2]digit card number
B: Swipe cards:press [5] +【2】 swipe that card
C:by management card: swipe the management card twice under standby mode till green light flash →enter 3 digit card numbers or swipe cards
D: delete all users: Restore the factory setting
Please use function 8: Restore the factory setting

Function 6 . set anti disassembly function
turn off Anti disassembly alarm function: press【6】+【0】toot –toot (Supported by some models)
Turn on Anti disassembly alarm function press 【6】+【1】

Function 7 . data copy (Supported by some models)
Step1: Corresponding to connect the host and auxiliary P2 wires.
1.1 login in host to programming mode→press[7] + [1]→Green light on,red light flash →Enter host mode successfully.
1.2 login in Auxilary to programming mode→press[7] + [2]→red light on, green light flash →Enter Auxiliary mode successfully.
Step2: Auto connect successfully after step1, green and red lights of host and aux iliary are on, then copy automatically.
Step3: Buzzer rings after copy completed, then return to standby status.

Function 8 . restore factory settings
1.[8686] Du, Du Du, the controller is restored to the factory setting state (registration card information is not retained)
2. When powered on, the machine hardware J2 and GND are short-circuited, and the controller is restored to the factory management password. This function is suitable for the administrator to forget the programming password (retain the registration card information)

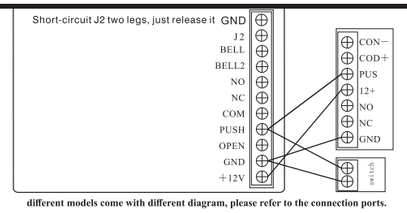
Function 9 . enroll management card by hardware
In the power-off state, power on J2 after short-circuit J2, and then turn off J2 and GND with short circuit to enter the management card increase mode, and then swipe the card to add

Function Setting

7.Frequently Questions

Question	Possible Error and Solutions
oots 8times while lock/unlock	Insufficient voltage:Add a DC power supply or replace higher power supply.then reset cards
Short reading distance or insensitive while keys are normal	Avoid controll on metal surface adjust the positlow power supply
No action after swipe card	Press【#】before reading cards, wait and reread cards on standby
Unlock failed but rings Toot.	Itisset to detect the state of the door when unlocking, door magnetic is disconnected or door is not close. Set off the detect or close the door magnetic
Press[#]+[programming password]there is long beep and cannot enter the programming mode	Other keys are pressed before pressing the [#] key; Keep on pressing [#] key till long beep. Then press [#]+programming password.
Press [5],there are 3 beeps	controller code capacity is full
Press[5]+[4 code]（ring 3)toot	Thiscodewasalreadyused,must press[5]+[4new codes]
Press[5]+[4code] (ring 2 toot)+induction card(ring 3 toot)	Thiscard already registered , thiscodecanbeusedin other cards.
No operation in programming state, then controller exits	In programming mode, if there is not inputin20 seconds, the controller exits programming mode automatically to normal working state

Connection diagram on backside



different models come with different diagram, please refer to the connection ports.