

Access Controller User Manual V2.4



1. Technical parameters :

NO	Item	Value
1	Operating voltage	DC 12V±10%
2	Operating current	< 100mA
3	Dimensions	128mm×85mm×22mm
4	Weight	350g
5	Ambient temperature	-20℃—70℃
6	Storage	15000users
7	Card type (alternative)	EM(ID) card(IC card for options)
8	Card reading distance	1—15CM

2、 How to set Management Card – MAC&MDC

Step1、 Turn off power and connect Jumper S1 to N2&N3 pin.

Step2、 Turn on power and buzzer gives 3 long buzz with green light flash fast, now read two empty cards first one as Manager Add Card(MAC) and Second one as Manager Delete Card(MDC) with red light flashing .

Step3、 Turn off power, connect Jumper S1 to N1&N2 pin. Turn on power again.

3、 How to use Management Card

To add a card user in standby mode: 1、 read MAC 2、 read new cards 3、 read MAC

To delete a card user in standby mode: 1、 read MDC 2、 read registered 3、 cards read MDC

To delete all users in standby mode: 1、 read MDC 2、 read MAC 3、 read MDC

Remark: User cards can be added or deleted continuously.

4、 How to change Open time

Relay work 5 second when open the bottom cap and connect Jumper S1 to N1&N2 pin .

Relay work 1 second when connect Jumper S1 to N2&N3 pin .

5、 Remote-controller operation(Customization Function)

Add card by input card No. : # 123456 # 23 input card No. #

Delete user by input card No. : # 123456 # 43 input card No. #

Add card by read card : # 123456 # 1 read card #

Delete user by read card : # 123456 # 41 read card #

Delete all users : # 123456 # 40 0000 #

6、 Installations Guide:

JP1

NO	Mark	Color	Function
1	12V	Red	DC 12V
2	GND	Black	Power GND
3	PUSH	Brown	Low level output
4	OPEN	Purple	Connect EXIT button
5	NO	Blue	Relay NO
6	COM	Yellow	Public connector
7	NC	Grey	Relay NC

JP2

NO	Mark	Color	Function
1	RST	Pink	Initialization
2	AL	Blue	Fire control signal
3	DATA0	green	WG26 signal D0
4	DATA1	White	WG26 signal D1
5	485+	Orange	485 communicational +
6	485-	Grey	485 communicational -

Wiring diagram:

