

One-door Access Controller

1. Specifications:

1.1 Technical parameters:

NO	Item	Value
1	Operating voltage	DC 12V±10%
2	Operating current	< 100mA
3	Dimensions	120×78×22(mm)
4	Weight	110g
5	Ambient temperature	0°C—60°C
6	Relative humidity	20%—80%
7	Storage	400Users
8	Card type (alternative)	EM(ID) card (IC card for options)
9	Card reading distance	1—15CM

1.2 Factory Default:

Programming Password	123456
Common Access Password	None
Relay Unlock output	5 Seconds
Open mode	Card or Access Password Access Password include Private Access Password (PIN) and Common Access Password
Security mode	OFF
Backlight (For options)	Auto
WG26 port (For options)	Input

1.3 Light and Sound indicates:

Light: red and green

Light Description	Indicates
Red light flash every 1 sec (Slow flash)	Standby state
Green light flash every 0.5sec (Fast flash)	Pending further action
Red light is always ON	Programming state
Green light is always ON within Open Time	Unlocking state

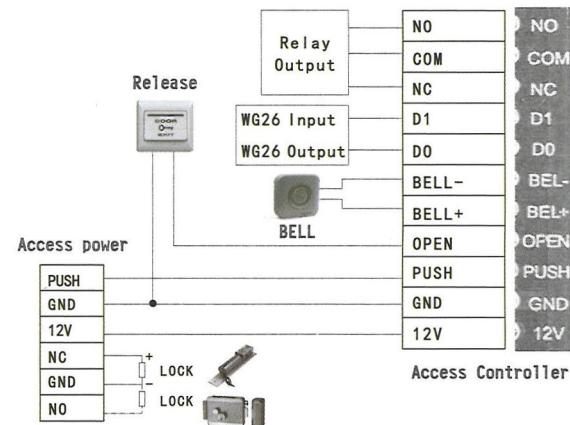
Sound: Buzz

Sound Description	Indicates
1 short buzz	Valid input
3 short buzz	Invalid input
1 long buzz	Programming success
Continuous long buzz	Restoring factory programming passwords

2. Installations Guide:

NO	Mark	Color	Function
1	+12V	Red	Power+
2	GND	Black	Power-
3	PUSH	BLUE	Low level output
4	OPEN	Yellow	Door Release
5	BEL+	Grey	BELL+
6	BEL-	Purple	BELL-
7	DATA0	Green	WG DATA0
8	DATA1	White	WG DATA1
9	NC	Brown	Relay NC output
10	COM	Orange	Relay Com output
11	NO	Pink	Relay NO output

Wiring diagram:



Remark:

In order to ensure the stable use of the products, it is recommended that all the above products be purchased from our company or our distributors

3. Programming Guide

3.1 Detailed Programming Guide:

Programming Password Default: 123456, all password can be 3~6 digits

Purpose		Operations		Instructions
Basic Function	Change Programming Password	#	Programming Password # 0	If Programming Password lost, perform 3.2 to reset to Factory Default (123456).
	Add user card	#	Programming Password # 1	If add multi cards, read cards continuously
	Set Common Access Password	#	Programming Password # 21	Common Access Password is only one. Open method: Common Access Password #
	Delete all users	#	Programming Password # 40 0000 #	Delete all cards and PIN except Common Access Password
	Delete user by read card	#	Programming Password # 41	If delete multi cards, read cards continuously
Expand Function	Add Private Access Password(PIN)	#	Programming Password # 22 PIN #	PIN can be more. Open method: PIN #
	Add card by input card No.	#	Programming Password # 23 input card No. #	Card No. is 10-digit or 8-digit, machine auto-identify
	Add multi-card by input card No. zone	#	Programming Password # 24 input start card No. card Qty #	Card Qty is 4-digit (If one-time add twenty cards, input 0020)
	Add "card +PIN"	#	Programming Password # 3	If modify PIN, see 3.5
	Delete user by input User ID No.	#	Programming Password # 42 input User ID No. #	About User ID No. see 3.4
	Delete user by input card No.	#	Programming Password # 43 input card No. #	Card No. is 10-digit or 8-digit, machine auto-identify
	Delete user by input PIN	#	Programming Password # 44 input PIN #	PIN is 3~6 digits.
	Delete all PIN users	#	Programming Password # 45 1111 #	Use for PIN users (Do not include Card users and Card +PIN users)
	Change Open time	#	Programming Password # 5 XX #	XX can be 2-digit, and the max. is 99. If input 00, the signal output time is 0.2 Secs.
	Set Open mode	#	Programming Password # 6 XX #	XX can be 01(only Card) / 02 (Card or Access Password) / 03 (Card+PIN)
	Reader setting (For options)	#	Programming Password # 6 04 #	The machine can be used for reader(WG26 output)
	Security function Setting	#	Programming Password # 7 XX #	XX can be 01/02 (Security function OFF / ON) and 03/04(Anti-dismantle Alarm OFF / ON)
	Anti-dismantle Alarm setting(For options)	#	Remark: Security Function ON means System would be locked for 5 Minutes if continue to read illegal cards or input wrong Access Password for 10 times.	
	Backlight setting(For options)	#	Programming Password # 8 XX #	XX can be 01/02/03 (Normal ON / Normal OFF / Auto)
	Reset Factory Default	#	Programming Password # 8 99 #	Except Programming Password and Manager Card
	Set Manager Card	#	Programming Password # 91 read MAC read MDC #	First read card is Manager Add Card and Second read card is Manager Delete Card.
	Cancel Manager Card	#	Programming Password # 92 #	MAC: Manager Add Card, MDC: Manager Delete Card