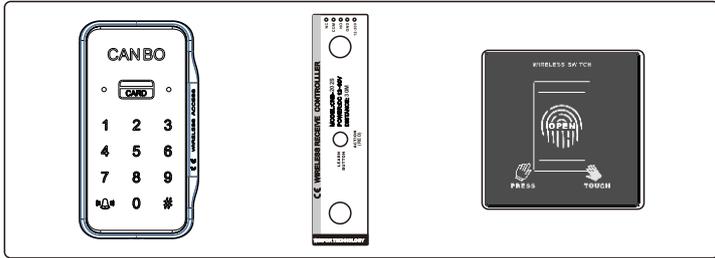## Wireless password&card reading access control kits instruction
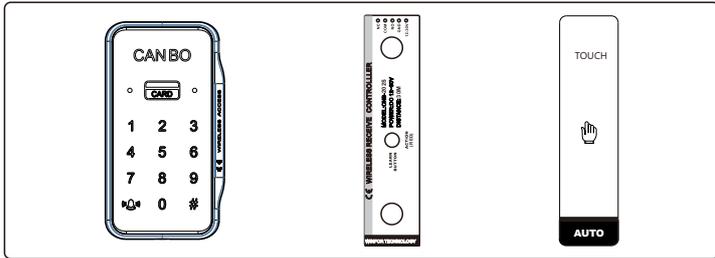
Dear Users,
Thank you for purchasing our 2.4G wireless password&card reading access control kit products. In order use this product quickly, please read this instruction sheet before usage.
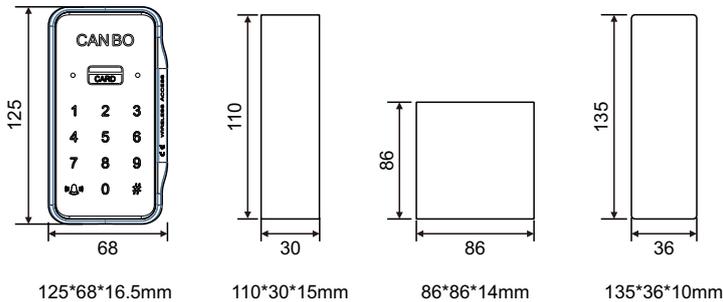
Combination products overview

M-272F

M-273F

Dimension

| 125*68*16.5mm | 110*30*15mm | 86*86*14mm | 135*36*10mm |

Parameter

Wireless password&card reading access control machine set
Working mode: 2.4G wireless code alignment
Working voltage: 3V-6.5V (4pcs AAA battery)
Static current: ≤50uA
low voltage alarm:less than 3.3V alarm
Working current: 23MA
User Capacity: 1000pcs standard users (IC cards)
Password: 1pcs public password (4 digits)
Open door method: Card, password, and card+password
Card type: 13.56MHZM1 or M1
Read card distance: 10MM-50MM
Launch distance: 30 meters in no barrier place
Battery life: ≥12 months (100 times a day)
Output time: 1-99 seconds adjustable
Working temperature：-10°C~60°C
Relative humidity: 20%-90%

Wireless square hand touch switch
Working mode: 2.4G wireless code alignment
Working voltage: 3V(2pcs Cr2032 battery)
Static current : ≤10uA
Working current: 7.5MA
Wireless distance : Open Space 30 meters
Working temperature: -10°C~60°C
Relative humidity: 20%-90%

Wireless long hand touch switch
Working mode: 2.4G wireless code alignment
Working voltage: 3V(2pcs Cr2032 battery)
Static current: ≤10uA
Working current : 7.5MA
Wireless distance: Open space 30 meters
Working temperature: -10°C~60°C
Relative humidity: 20%~90%

Power Controller
Working mode: 2.4G wireless code alignment
Input voltage: DC 12~30V
Static current: 34V (DC 12V Power)
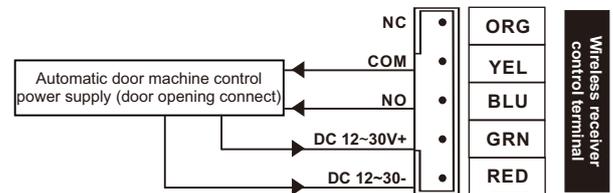Action current: 62V (DC 12V Power)
Receiving sensitivity: -95dbm
Contact holding time: 1.5 seconds
Working temperature: -10°C~60°C
Relatvie humidity: 20%~90%

Automatic door wiring diagram

The wireless receiver controls the automatic door machine's wiring diagram

Special Function Key Description

1. Long press "9" key for 3 seconds for code matching function
2. The doorbell key is used as the cancel exit key during system operation. In standby mode as doorbell button, the doorbell button must be used with 2.4g wireless doorbell.

Code Matching Method

The receiver is match with wireless access control machine
Press the learning button on the receiving controller, and the blue learning light is on. Press the "9" button on the wireless access control machine for 3 seconds until you heard the buzzer, release the button, or directly verify the effective door opening, and the blue learning light flashes twice, learning is successful.

The receiver is match with wireless switch
Press the learning button on the receiving controller, and the blue learning light is on. Press the learning button on the wireless switch within 5 seconds, or directly trigger wireless switch once, and the blue learning light flashes twice, learning is successful.

Delete method: Press and keep the learning button for 5 seconds, and the blue light flashes quickly to delete all the codes, can not delete the single product code.

Output state selector

① M/L If in the M state, inching output, every time the hand switch or access control is triggered, it will output about 1.5s opening signal.

② M/L If in the L state, holding output, and the output state will be reversed once every time the hand switch or access control is triggered.

③ M/L Normally open function in M state: if in M state, touch and keep the transmitter for 10s, the indicator light flashes, then the receiver enter the normally open state, when touching the transmitter again to remove normally open state.

Each receiver can learn up to 20 transmitters. After the number of first learning emitters will be covered by the new learning emitters.

Standby	Unlocking status	Open the door by card	Open the door by password	Open the door by Card+Password
Light off	Green light normally on	Valid card:Green light normally on with long voice; Invalid card: short voice three times.	Password correct: Green light normally on with long voice; Password mistake: Short voice three times.	Invalid user:Short voice three times. Valid user:Green light on,then red light on. Valid user2:Green light on,with long voice.

Programming operation tips

Steps	#	12345	41#	000#	Card reading	⌂
Voice& Light tips	Green light shinning	Password correct: Green light normally on, with long voice; Password mistake: short voice three times.	Green light normally on	User number : 3 digital (000-999) User number valid: green light bright. User number invalid: Voice " Bi,Bi" .	Add valid card: Long voice one time. Add invalid card: Short voice three times.	Red light shining

Simple operation list

Operation name	System password	Functions	Operation	Log-out	Operation result	Remark	
Modify system password	12345	1	88888#88888# (For example)	⌂	System password change as 88888	System password: 5 digits	
Modify open door password	12345	2	2580(For example)	⌂	Open door password changes as 2580	Open door password: 4 digits	Normally used
Set the door opening method	12345	3	01	⌂	Modify as card or password both can open the door	00-Open door by card; 01-Open door by card or password; 02-Open door by card+Password.	
Add card (Designated number)	12345	4	0#***# reading card (*** is user number, no repeat number between 000-999)	⌂	Card saved with the input number	Remember the card number may be useful when deleting the card	
Add cards (Continousl yreading cards)	12345	4	0#***# reading card ... reading card(The user number has 3 digits since 000-999)	⌂	Card saved with the input number and each card number is automatically incremented by one card number	Remember the card number may be useful when deleting the card	Normally used
Delete cards (Number deleted)	12345	5	0#***# (The user number has 3 digits since 000-999)	⌂	Delete the card corresponding to the inputed number	Each time you input a number, then press "#" button to delete a card.	
Delete cards (Continuously cards)	12345	5	1#Card reading…	⌂	Delete continuously readed IC cards	Can continuously read cards.	Normally used
Delete all cards	12345	6	88#(Long voice)	⌂	Delete all user cards	After the buzzer long sound,all user cards delete successfully	
Modify open door time	12345	0	01s-99s	⌂	Open door time change as 2 seconds	01s-99s	Normally used
System initialization	➡ Open the back cover and remove the battery		➡ Press system button, install battery, the buzzer sound, two lights flash.		➡ Release system button	System password restored to 12345, other data remains unchanged.	

List

	Accessory	Qty	Unit	Remark
1	Password & Card reading access control machine	1	PCS	
2	Hand Touch Switch	1	PCS	
3	Power supply controller	1	PCS	
4	Manual Sheet	1	PCS	
5	Warranty card	1	PCS	
6	Screw	1	BAG	
7	3M Double sided adhesive tape	2	PCS	
8	Card	2	PCS	
9	CR2032 Battery	2	PCS	Used in hand touch switch