

DA3000 Standalone Touch Access Controller

User Manual v2.0

1. Specifications:

1.1 Technical parameters:

NO	Item	Value
1	Operating voltage	DC 12V±10%
2	Operating current	< 100mA
3	Dimensions	120mm×78mm×22mm
4	Weight	110g
5	Ambient temperature	0℃—60℃
6	Relative humidity	20%—80%
7	Storage	1000 users
8	Card type	RFID (Mifare optional)
9	Card reading distance	1—10CM

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1.3 Light and Sound indicates:

Light: red and green

Light	Description	Access control status
Red light flash every 1 sec (Slow flash)		Holding state
Red light is always ON		Programming state
Green light is always ON within Open time		Unlocking state
Green light flash every 0.5sec (Fast flash)		Pending further action

Sound: buzz

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

2. Installation Guide:



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JP1 terminal:

NO	Mark	Color	Function
1	+12V	Red	Power+
2	GND	Black	Power-
3	PUSH	Blue	Low level output
4	OPEN	Yellow	Door Release
5	BELL	Grey	Bell
6	BELL	White	Bell

JP2 terminal:

NO	Mark	Color	Function	Remark
1	+12V	Red	Power+	Optional
2	GND	Black	Power-	
3	DATA0	Green	WG DATA0	
4	DATA1	White	WG DATA1	
5	NC	Brown	Relay NC output	
6	COM	Blue	Relay Com output	
7	NO	Purple	Relay NO output	

3. Programming Guide

3.1 Detailed Programming Guide:

Purpose		Operation		Remark
Basic Function	Change Programming Password	# Programming Password # 0	new Programming Password #	If Programming Password lost, perform 3.2 to reset to Factory Default (123456).
		New Programming Password #		
	Add user card	# Programming Password # 1	read card #	If add multiple cards, read cards continuously
	Set Common Access Password	# Programming Password # 21	new Common Access Password #	Can only enroll one Common Access Password. Open method: 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	read card #	If delete multi cards, read cards continuously
Advance Function	Add Private Access Password(PIN)	# Programming Password # 22	PIN #	Can enroll more than 1 PIN, Unlock door 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	read card PIN #	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 to delete 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 (Optional)	# Programming Password # 6	04 #	The machine can be used for reader(W26 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(Optional)	Remark: Security Function ON means System would be locked for 5 Minutes if continue to read illegal card or input wrong Access Password for 10 times.		
	Backlight setting (Optional)	# 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.

3.2 How to use Manager Card – MAC & MDC

To add a card user in standby mode: read MAC read new cards read MAC

To delete a card user in standby mode: read MDC read registered cards read MDC

To delete all users in standby mode: read MDC read MAC read MDC

Remark: User cards can be added or deleted continuously.

3.2 User ID No. explain

User ID is auto-generating 4-digit number started at 0001. The number increases with adding user one by one and ignores deleting user. Common Access Password has no ID.

3.3 How to change PIN (When open mode: card+ PIN)

After reading card and input corresponding PIN to open the door, within 5 seconds, long press # until the green lights flash fast. and then input new PIN # new PIN #, new PIN changed successfully with a long buzz.