

Handleiding Smartking PA240510 Access Controller

Sluit eerst het codepaneel aan op de controller volgens de bijgeleverde bedradingsschema.

Bij de fabrieksinstelling is de mastercode 888888

Code om in de programmeermodes te komen

*mastercode#

Mastercode wijzigen (mastercode bestaat uit 6 cijfers)

*huidige mastercode#0nieuwe mastercode#nieuwe mastercode#

Gebruikerscode aanmaken

*mastercode#1*1 user id#gebruikerscode#**

Gebruikerscode bestaat uit 6 cijfers

user id is uniek per code en kan aan een gebruiker worden gekoppeld.

Voorbeeld:

*888888#1*1 10#245546#**

Gebruiker verwijderen

*mastercode#2*2 user id#**

voorbeel: *888888#2*2 10##*

Code ingeven om deur te openen

pincode#

2.2 Wiring Diagram

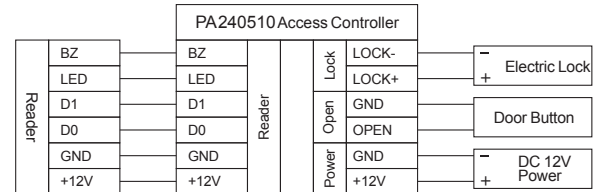


Figure 2 : Wiring Diagram

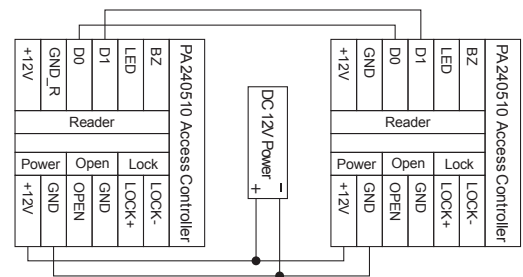


Figure 3: Wiring of copying user information

1. Product Introduction, Feature & Technical Parameters

- 1.1 Introduction:
- PA240510 controls one door: 1 Reader(enter)+1 Reader(exit) or 1 Reader (enter) +1 Exit button.
 - Up to 1000 user capacity, each user owns one card and one PIN. Also it can be connected with the exit button.
 - All setting can be done through infrared remote control or keypad reader if external reader is keypad one. It offers user easy operation & safe guarantee.

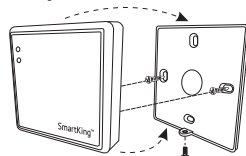
- 1.2 Feature :
- Compact, economical and practical, secure and reliable, and fit for type of 86 Box installation inside of room.
 - If external Reader is keypad one, then all the setting of PA240510 can be done on keypad reader.
 - Using provided infrared remote control to do all the setting of PA240510.
 - The door won't be opened even the external reader is damaged, or encountered by strong magnetic or short circuit or any other illegal way.
 - 1000 user capacity apply to office, villa, household use etc.
 - User information can be copied between every mini controller.
 - Every user can change the password without master if external reader is keypad one.
 - Password: 4-6 digits, more security.
 - Wiring is very simple: can be done by users without professional knowledge; can be connected with various electric lock and no need to change external wiring.

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- 1.3 Technical Parameters:
- Input Voltage: DC12~14V
 - Idle current: ≤ 11mA
 - Lock Output load: ≤ 3A
 - Time of copying user information: ≤ 8s
 - Wiegand input format: 48Bit or 88Bit of pressing one key, 26-37Bit virtual card No.
 - Dimension: 86(H)×86(W) ×20mm(T)
 - Operating Temperature: -40~60
 - Operating Humidity: 0~95%(non-condensing)

2. Installation & Connection Diagram(fit for type of 86Box installation)

2.1 Installation Diagram:



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2.2 Wiring Diagram

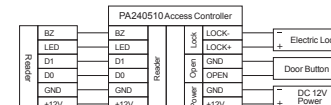


Figure 2 : Wiring Diagram

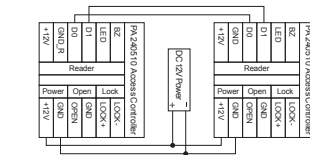


Figure 3: Wiring of copying user information

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3. User Operation

- 3.1 Swiping Card to open door:
Swiping user card once, door will be opened.
- 3.2 Swiping Card+PIN to open door:
Swiping user card once, and enter 4-6 digits PIN#, door will be opened.
- 3.3 Card or PIN to open door:
Swiping user card once or enter 4-6 digits PIN#, door will be opened.
- 3.4 Relay setting (Pulse mode and toggle mode):
Pulse mode: Everytime we swipe card or enter PIN, the door will be opened and then locked in 0-98s. This delay time can be set.
Toggle mode: Everytime we swipe card or enter PIN, the door will be opened and keep this status until we swipe card or enter PIN it will be locked, and vice versa.
- 3.5 Change the user's PIN
[*] | Swipe user card, [Enter 4-6 digits old PIN.#] , [Enter 4-6 digits new PIN.#] , Repeat Enter 4-6 digits new PIN.# Or [*] , [Enter 1-1000(ID No.)#] , Enter 4-6 digits old PIN.# | , Enter 4-6 digits new PIN.# | , Repeat Enter 4-6 digits new PIN.# |
Remarks: PIN users have to get the ID No. and initial PIN from master. Card users have to swipe card when change the PIN first time.
The initial PIN is 1234, it is only for changing new PIN, can't be used to open door.

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4. Master Setting

Note that all the following programming should be under master programming mode. When master's PIN is wrong and the time is over 5s before you enter PIN again, it will return to standby mode. After enter right master's PIN, it will also return to standby mode if there is no valid operation in 30 seconds. Press "F" to confirm the input number, return to previous menu by press "", the indicator light will indicate the operation mode.

To enter the master programming mode

Red	Red Green LED flash slow	F functions	Remark
*	6-8 digits master's PIN #	To enter the programming mode	Factory default 888888

Function Settings

Red Green LED flash quick	Functions	Remark
0	6-8 digits new PIN # repeat 6-8 digits new PIN #	To change the master PIN

1	Read card 1-1000(ID)#, read card 8 or 10 digits card number # 1-1000(ID)#, 8 or 10 digits card number #	To add card users	Rotate Operation
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1	1-1000(ID)#, 4-6 digits PIN.#	To add PIN users	
2	Read card 8 or 10 digits card number.# 1-1000(ID)#	Delete one card Delete one user	Rotate Operation
2	0000.# (Note: This is a dangerous option, so use with care)	Delete All users	
3	0.# 1.# 2.#	Entry is by Card only Entry is by Card and PIN together Entry is by Card or PIN	Factory default 2
4	0.# 1-98.# 99.#	To set door relay time 50mS To set door relay time 1-98S Toggle mode	Factory default 5s
5	0.# 1.#	Connect to A type of lock ① Connect to B type of lock	Factory default 1
6	0000.#	Copy user information ②	Only useful for the operation by infrared remote control

Remark: ①: Before you connect the electric lock to PA240510, make sure you already set the type of lock. A type of lock refers to those lock that normally under standby status, there is no current for lock, when there is current the door will open.

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B type of lock refers to those lock that normally under standby status, there is current for lock, when there is no current the door will open.
②: The wiring for copying the user information, pls see figure 3.
The user information can be copied from A to B or from B to A. The device should be our Mini controller, and the master's password should be the same.
When the wiring is done, then you can copy user information from A to B, use the infrared remote control to do it, please avoid that device B receive the signals, otherwise your operation will failed. After enter master programming mode, then following the operation "6" in the table above, the GREEN light on around 8s, meaning information is being copying from A to B, and versa vice.

5. Reset to Factory Default

Power off, press exit button and power on, the LED turns into RED&GREEN flash quick, release exit button after you hear "beep, beep". And then you hear "Bee-beep", means reset to Factory Default successfully. But it won't delete all user information.

6. Sound And Light Indication

Operation	Status	Color of LED	Buzzer
Standby		Red	
Unlocking		Green	Bee-beep
Successful		Green	Bee-beep
Fail			Beep Beep Beep
Entering PIN		RED & Green flash slow	
Swiping card		RED & Green flash quick	
Setting		RED & Green flash quick	
Copying user information		Green	

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SKU PA240510

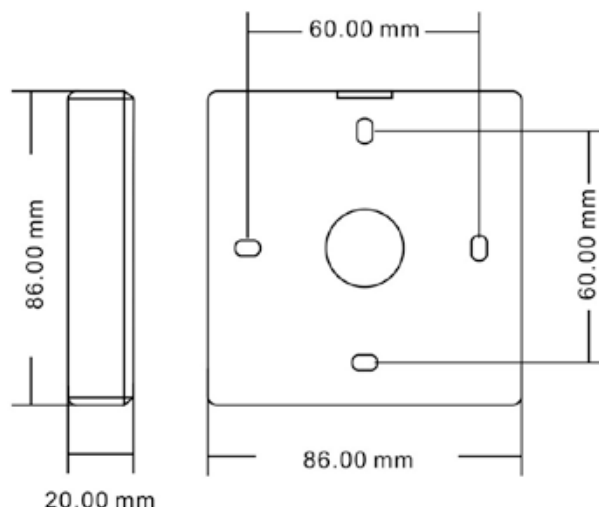
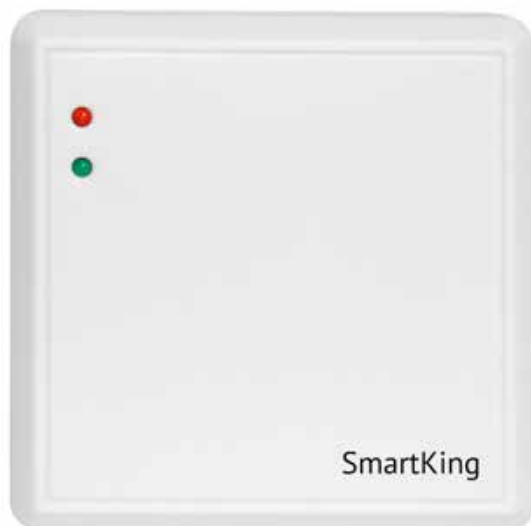
PA240510
Access Controller

User Manual

Handleiding Smartking PA240510 Access Controller

SmartKing™

SmartKing™ Mini controller voor 1 deur



TECHNISCHE KENMERKEN

- **Voeding:** 12~14VDC
- **Ruststroom:** $\leq 11\text{mA}$
- **Slot Uitgang:** $\leq 3\text{A}$
- **Nodige tijd voor het kopiëren van gebruikersinformatie:** $\leq 8\text{s}$
- **Wiegand inputformaat:** 4Bit of 8Bit als je op een knop drukt, 26-37Bit virtueel kaartnummer
- **Werkingstemperatuur:** $-40^{\circ}\text{C} \sim 60^{\circ}\text{C}$
- **Vochtigheidsgraad :** 0~95% (niet-condenserend)
- **Afmetingen:** 86 mm x 86 mm x 20 mm (L x B x H)

KENMERKEN

- Compact, economisch & praktisch, veilig & betrouwbaar. Past in type 86 installatiedozen in kamers.
- Als de externe lezer een codeklavier is, dan kunnen alle instellingen van de Minicontroller gedaan worden op het codeklavier.
- Er kan ook gebruik gemaakt worden van de infrarood remote control voor de configuratie van de PA240510 Minicontroller.
- De deur kan niet geopend worden als de externe lezer wordt beschadigd of als men er een sterke magneet voor houdt. Zelfs niet door het maken van kortsluiting.
- Gebruikerscapaciteit : 1000 gebruikers
- De gebruikersinformatie kan zeer eenvoudig van de ene naar de andere controller gekopieerd worden.
- Elke gebruik kan het paswoord veranderen zonder mastercode als de externe reader codeklavier 1 is.
- de PIN code is 4-6 cijfers lang
- Aansluiten is zeer eenvoudig, kan ook geconnecteerd worden met elektrische sloten zonder externe bedrading.

BESTELINFORMATIE

- **PA240510 :** SmartKing™ Mini controller voor 1 deur