Securevision T15EM Card-PIN Reader User Guide

Contents

Securevision T15EM Card-PIN Reader

Packing List

Name	Quantity	Remarks
Keypad	1	
User manual		
Screw driver		ct>20mmx6Qmm , special for keypad
Rubber plug		cD6mmx3 Qmm,usedfor fixing
Self tapping screws		¢>4mm x28mm ,used for fixing
Star screws		¢>3mm x6m m,used for fixing

Please ensure that all the above contents are correct.If any are missing please notify the supplier of the unit.

Quick Reference Programming Guide

To enter the programming mode	* Master code # 999999 is the default factory master code
To exit from the programming mode	
Note that to undertake the following programming the master user must be logged in	
To change the master code	O New code # New code # The master code can be 6 to 8 digits
To add a PIN user	1 User ID number # PIN # The ID number is any number between 1 & 2000. The PIN is a ny four digits between 0000 & 9999 with the exception of 1234 which is reserved. Users can be added oontinuously without ex iting programming mode
To add a card user	1 Read Card # Cards can be added continuously without exiting programming mode
To delete a PIN or a card user	2 User ID number # for a PIN user or 2 Read Card # for a card user Users can be deleted continuously without exiting programming mode

Description

The unit is single door multifunction standalone access controller or a Wiegand output touch keypad or card reader. It is suitable for mounting either indoors or outdoors in harsh environments. This unit supports up to 2000 users in either a Card, 4 digit PIN, or a Card + PIN option. The inbuilt card reader supports 125KHZ EM cards, and 13.56MHz Mifare cards. The unit has many extra features including lock output current short circuit protection, Wiegand output These features make the unit an ideal choice for door access not only for small shops

and domestic households but also for commercial and industrial applications such as factories, warehouses, laboratories, banks and prisons.

Features

- Indoor use
- Full programming from the keypad
- 2000 users, supports Card, PIN, Card+ PIN
- Can be used as a stand-alone keypad
- Wiegand 26 input for connection to an external reader, Wiegand 26 output for connection to a controller
- Adjustable Door Output time, Alarm time, Door Open time
- Very low power consumption (30mA)
- Fast operating speed, <20ms with 2000 users
- Lock output current short circuit protection
- Easy to install and program
- Built-in buzzer
- Red, Yellow and Green LEDS display the working status

Specifications

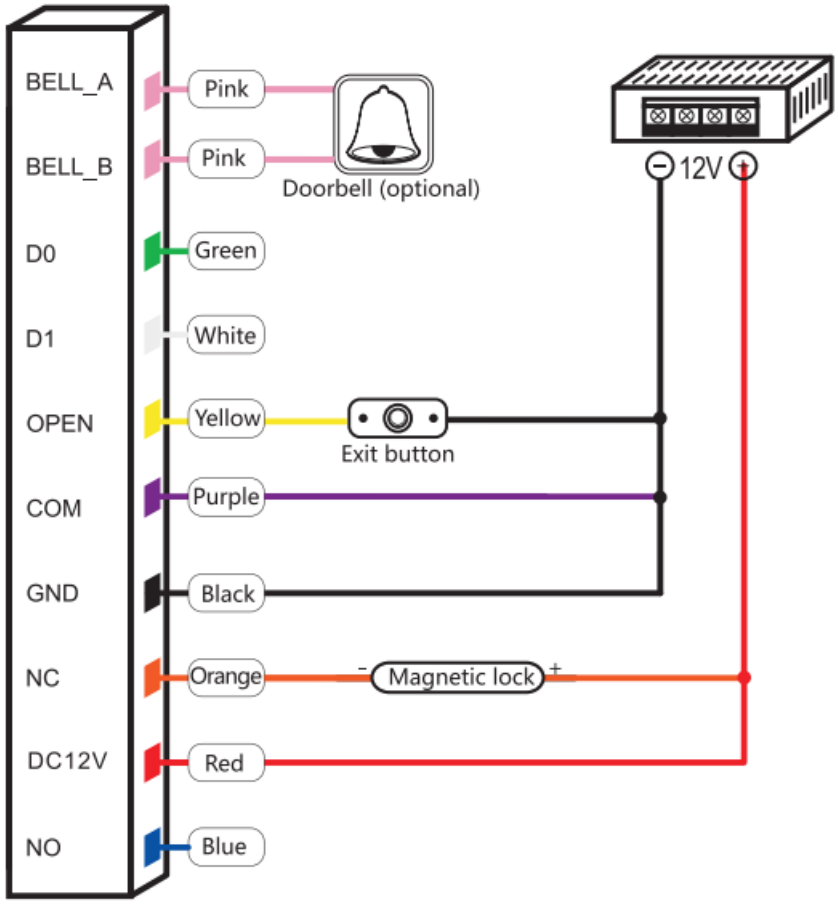
Operating Voltage	DC12-24V
User Capacity	2000
Card Reading Distance	3-6 cm
Active Current	< 60mA
Idle Current	25±5 mA
Lock Output Load	Max3A
Operating Temperature	*-45 C ~ 60 C*
Operating Humidity	10%- 90% RH
Waterproof Degree	IP65
Adjustable Door Relay time	0 -99 seconds
Wiegand Interface	Wiegand 26 bit
Wiring Connections	Electric Lock, Exit Button, External Alarm

Installation

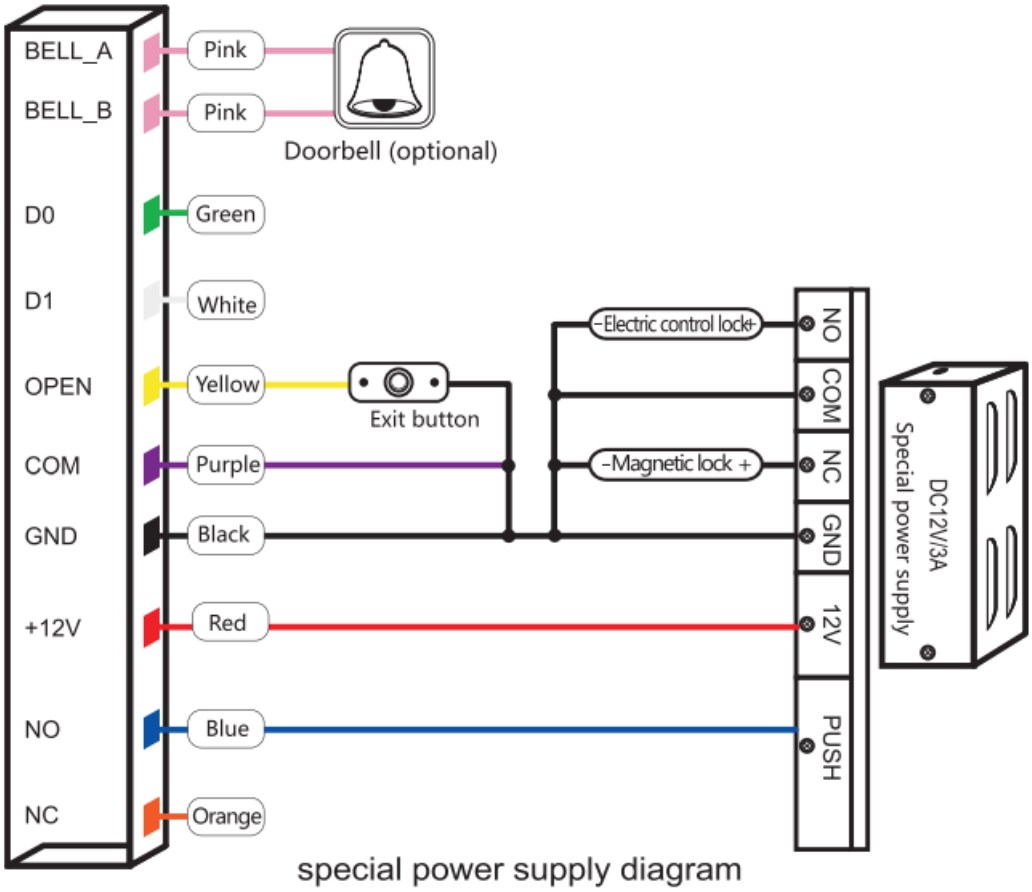
Remove the back cover from the keypad using the supplied special screwdriver Drill 2 holes on the wall for the self-tapping screws and dig a hole for the cable Put the supplied rubber bungs into the two holes Fix the back cover firmly on the wall with 2 self-tapping screws Thread the cable through the cable hole Attach the keypad to the back cover.

Wiring

Colour	Function	Descrip tion
Pink	BELL_A	Doorbell button one end (optional)
Pink	BELL_B	Doorbell button to the other end (optional)
Green	DO	WG output DO
White	01	WG output 0 1
Yellow	OPE N	Exit button one end(the other end connected GND)
Red	12V+	12V + DC Regulated Power Input
Black	GND	12V – DC Regulated Power Input
Blue	NO	Relay normally-on end(Connect positive electric lock K_K)
Purple	COM	Relay Public end, connect GNO
Orange	NC	Relay Closed end(connect negative electric lock”-“)



common power supply diagram



special power supply diagram

To Reset to Factory Default

- Power on, when LED light turns orange, press “#” key and release it immediately.
- On hearing “didi” sounds twice, system is back to factory settings. Registered users won’t be deleted when reset to factory default

Sound and Light indication

Operation Status	Red Light	Green Light	Buzzer	Mark
Power on	Bright		o;	
Stand by	Slow flash			
Press keypad			o;	
Operation successful		Bright	Di-	
Operation failed			DiDiDi	
Enter into programming mode	Bright		Di-	LED:orange
In the programming mode			o;	
Exit from the programming mode	Slow flash		Di-	
Open the door		Bright	Di-	
Alam,	Quick flash		Alarm	

Detailed Programming Guide

User Settings

To enter lhe programming mooe	* Master code # 999999 is the default factory master code			
To exit from the programming mcxle				
Note that to undertake the following programming the master user must be logged in				
To change the master cxx:le	0 New code # New cxx:le # The master cxx:le can be 6 to 8 digits long			
Setting the working mode:	3	0	#	Entry is by card only
Set valid card only users Set valid card and PIN users Set valid card or PIN users	3 3	1 2	# #	Entry is by card and PIN together Entry is by either card or PIN (default)

To add a Pin user	1 User ID number # PIN # The ID number is any number between 1 & 2000. The PIN is any fou r digits between 0000 & 9999 with the exception of 1234 which is res erved. Users can be added continuously without exiting programmin g mode as follows: 1 UserIDno1 # PIN # UserIDno2 # PIN
To delete a PIN user	2 User ID number # Users can be deleted cootinLIOUsly without exiting programming mo de

To change the PIN of a PIN user (This step must be done out of programming mode)		ID number#		Old PIN #	New PIN#	New PIN#
To add a card user (Method 1) This is the fastest way to enter cards, user ID number auto generation	1 Read card # Cards can be added continuously without exiting programming mode					
To add a card user (Method 2) This is the alternative way to enter cards using User ID Allocation. In this method a User ID is alkx:ated to a card. Only one user ID can be alkx:ated to a single card	1 ID number # Read card # User can be added cootinuously without exiting programming mode					
To add a card use< (Method 3) Card number is the last 8 digits printed on the bad< of the card.user ID number auto generation	1 Card number # User can be added continuously without exiting programming mode					
To add a card user (Method 4) In this method a User ID is allocated to a card number. Only one user ID can be allocated to the card number	1 ID number# Gird num ber # User can be added continuously without exiting programming mode					
To delete a card user by card. Note users can be deleted continuously without exiting programming mode	2	Read Card	#			
To delete a card user by user ID. This option can be used when a user has lost their card	2	User ID #				

To delete a card user by card number. This option can be used when the user want to make the change but the card has lost	2 Card number # Note users can be deleted continuously without exiting programming mode

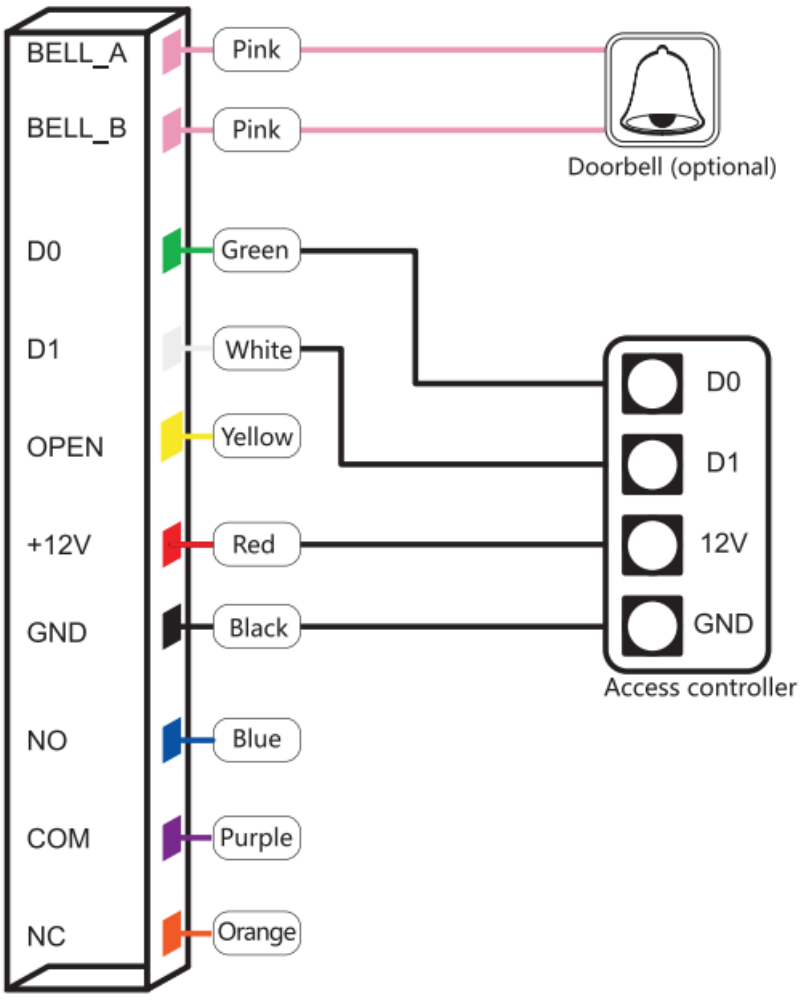
To add a card and PIN user in card and PIN mode (3 1 #)	
To Add a card and Pin user (The PIN is any four digits between 0000 & 9 999 with the exc.eption of 1234 which is reser ved.)	Add the card as for a card user Press • to exit from the programming mode Then allocate the c ard a PIN as follows: • Read card 1234 # PIN# PIN#
To change a PIN in card and PIN mode (Meth od 1) Note that this is done outside programming mode so the user can undertak e this themselves	• Read Card Oki PIN # New PIN # New PIN#
To change a PIN in card and PIN mode (Meth od 2) Note that this is done outside programming mode so the user can undertak e this themselves	• ID number# Old PIN # New PIN# New PIN#
To delete a Gard and PIN user just delete the card	2 User ID #
To add a card user in card mode (3 0 #)	
To Add and Delete acard user	The operating is the same as adding and deleting a card user in 3 2 #
To delete All u se r s	
To delete ALL users. Note that this is a dange rous option so use with care	2 0000 #
To unl oc k th e d oo r	
For a PIN user	Enter the PIN then press #
For a card User	Read card
For a card and PIN user	I Read card then enter PIN#

Door Settings

Relay Outp ut Delay Ti me				
To set door relay strike time		• Master code # 4 0~ 99 # 0-99 is to set the door relay time 0-99 seconds		
Alarm output time				
To set the alarm output lime (0-3 minutes Fa ctory default is 1 minute I		5	0_ 3	#
Keyp a d L o ckout & Buzzer A ctived . If there are 10 invalid cards or 10 incooect PIN numbers in a 10 minut e period either the keypad will lockout for 10 minutes and the inside buzzer will operate for 1O minutes, dependi ng on the option selected below.				
Normal status: No keypad lockout or b uzzer operate (factory default)		7	O	# (Factory default settings)
Keypad Lock.out		7	1	#
Inside buzzer actived		7	2	#

The unit operates as a Wiegand Output Reader

The unit supports a Wiegand 26 bit output, so the Wiegand data wires can be connected to any the controller which supports a Wiegand 26-bit input.



Documents / Resources

	Securevision T15EM Card-PIN Reader [pdf] User Guide T15EM Card-PIN Reader, T15EM, Card-PIN Reader, PIN Reader, Reader