

9936 Keypad Reader [EM/Mifare/I-code 2]

FEATURES

- A.9936ST is a standalone door access keypad controller.
- B. It can connect an additional wiegand proximity reader for IN/OUT reader.
- C.Operation in User Card only + Global password , User Card + Global password or Door Access Password, Door Access Password only.
- D.9936ST can add / delete User Card or Door Access Password by present card or by keypad.
- E. 5 x Master Cards for system operation, 32 bits card no (10 digits in 2^32 format))
- F. 2,000 cardholders, 32 bits card no. (10 digits card in 2^32 format))
- G.200 Door Access Passwords. Password from 0 to 999999. (6 digits)
- H.One Global Door Access Password, for card + pin purpose. Password from 0 to 999999 (6 digits).
- I.One Master password for entering program mode. Password from 0 to 99999999 (8 digits).
- J. Buzzer beeps during key in keypad.
- K.Dallas Clock IC inside, automatic time zone switching.
- L.Time zone control as Password, E-Lock, Alarm.

SPECIFICATION

Technical		Function	
Power input	12.5 to 16V DC, 2A DC	Audio output	Beep sound
Operating current	less than 80mA for control,1.5A for E-lock	Visual output	Red / Yellow / Green Led
Operating temperature	-10°C to 65°C	Function of LED	Upper LED for power / card access status and Lower LED for functional status.
Operating humidity	0 to 95%	Input signal	Door sensor, door release button & Tamper switch
RFID technology	Philips Mifare technology or EM technology	Output signal	Electric lock N/C & N/O selectable, alarm output.
Card read range	40mm up for Philips Mifare One Card, 100mm up for EM 4100 Card.		
Response time	less than 0.2s		
Reader frequency	13.56MHz for Mifare / 125KHz for EM		
Alarm output	5VDC with 25mA DC		
Relay specification	12VDC, 2A DC		
ISO Standard	ISO14443A for Mifare		
Product Dimension	86mm x 86mm x 21mm		
Color	Beige and Black		
IN/OUT reader	IN reader ID-1, OUT reader ID-2		

ITEM NO. FORMAT

9936AA-BBCD

- AA : ST (Standalone door reader)
- BB : MF for Mifare technology, EM for EM technology
- C : A for CSN, B for sector (only for Mifare technology)
- D : K (keypad reader)

PIN assigment: PIN1

Number	Color	Description	Content
I-1	BROWN	RS232 - TX	Transmit to Host / PC
I-2	PURPLE	RS232 - RX	Receive from Host / PC
I-3	GREY	Common Ground	Signal common ground
I-4	YELLOW	Sensor Input.	Door Sensor input, connect to YELLOW + GREY line, normal close.
I-5	BLUE	Request to Exit	Connect to door release button, connect to BROWN + GREY line, normal open.
I-6	ORANGE	Alarm Output	Alarm output at H/L voltage, L/L voltage at normal
I-7	GREEN	RFU	Reserved for future use
I-8	WHITE	RFU	Reserved for future use

PIN 2

Number	Color	Description	Content
2-1	RED	Power Input	12.5-16VDC
2-2	BLACK	Power Ground	0VDC
2-3	BLUE	Relay - NC mode	Relay Normal Close
2-4	YELLOW	Relay - NO mode	Relay Normal Open
2-5	PURPLE	Relay - Common	Relay Common
2-6	GREEN	External reader D0	External Reader Data 0
2-7	WHITE	External reader D1	External Reader Data 1