

Affordable & Stability Proximity (RFID / PIN) Standalone Access Controller



- None Network Standalone Access Controller (No need application software)
- User Registration and Deletion Using the Master Card
- All Inputs / Outputs and Operation Time Programmable by Keypad
- Keypad Lock by Try-Out Error Alarm Function
- Toggle Mode for Door Opening / Closing



100R IP-100R

125KHz Standalone Proximity & PIN
Single Door Access Controller



RFID Reader
& Card



Access
Controller

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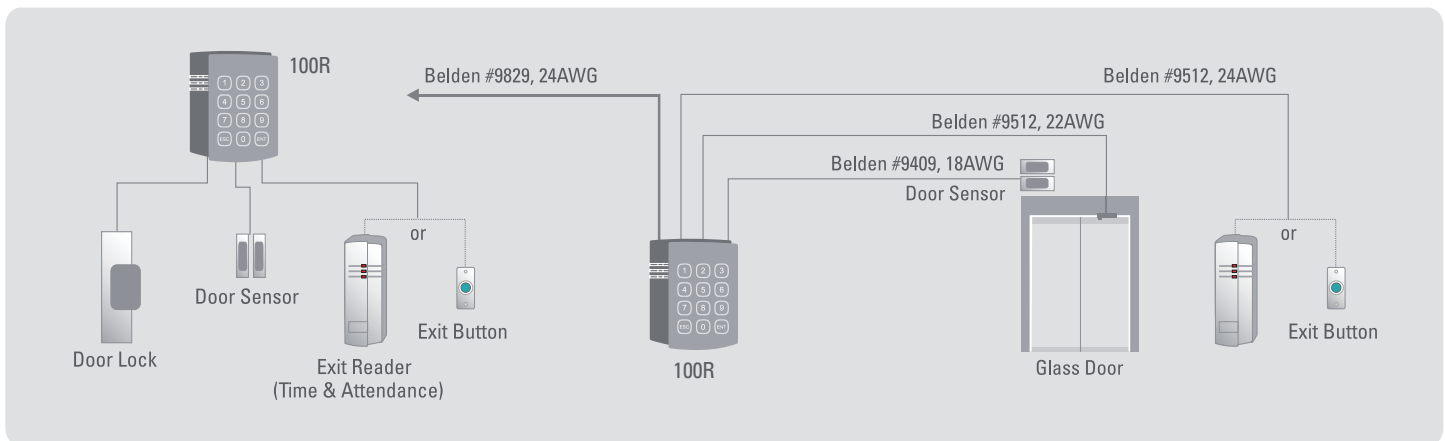
Affordable & Stability Proximity (RFID / PIN) Standalone Access Controller **100R / IP-100R**



Key Features

- 125KHz None Network Standalone Proximity & PIN Single Door Access Controller
 - No need application software
 - User Registration and Deletion Using the Master Card
 - Operation Mode: RF Card, PIN(4~6 Digit). RF+ Password(4 Digit)
 - 512 Registerable Users including One Master Card
 - All Inputs /Outputs and Operation Time Programmable by Keypad
 - Independent 5 Inputs and 4 Outputs including 2ea of 2 Form-C Relay Outputs
 - Keypad Lock by Try-Out Error Alarm Function
 - 12 Numeric Keypad with Back Lightings
 - Duress Mode Function
 - Arm/Disarm Mode
 - Toggle Mode for Door Opening / Closing
 - Safe (Default) / Secure Mode Available
 - Dual Tamper Switches
 - 1EA of External Reader Port for Exit: 26bit Wiegand
 - Chime Bell Output
- **100R**: 125KHz (PSK Format / IDC Type)
- **IP-100R**: 125KHz (ASK[EM] Format)

Standalone Configuration



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Specifications

Model	100R	IP-100R
CPU	Dual 8bit Microprocessor	
Memory	Program	20KByte ROM
	Data	2KByte EEPROM
ID Users	512 Users (Includes 1 Master Card)	
Radio Frequency (RF)	125KHz IDTECK Secure & Credential Fomat	125KHz EM(ASK)
Read Range (Compatible Card Type)	IDC80/IDC170: Up to 4 Inch (10cm) IDK50: Up to 2 Inch (5cm)	IPC80/IPC170: Up to 4 Inch (10cm) IPK50: Up to 2 Inch (5cm)
Reading Time (Card)	30ms	
Power / Current	DC 12V / Max.200mA	
External Reader Port	1 EA : 26bit Wiegand	
Input Port	5 EA: Exit Button, Door Sensor, Aux#1, Aux#2, Aux#3	
Output Port	2 EA: 2 FORM-C Relay Output(COM, NO, NC) / DC12V~18V, Rating Max.2A 1EA: Chime Bell Output/DC5V, Rating Max. 500mA 1EA: TTL Output/DC5V, Rating Max 20mA	
Tamper Switch	2 EA	
Keypad	12 Numeric Keypad with Back Lightings	
LED Indicator	3 Array LED Indicators (Red, Green and Yellow)	
Buzzer	Piezo Buzzer	
Operating Temperature	-30°C ~ +50°C (-22°F ~ 122°F)	
Operating Humidity	10% ~ 90% Relative Humidity, Non - Condensing	
Color / Material	Dark Pearl Gray / Polycarbonate	
Dimension (W x H x T)	87 x 100 x 31mm (3.43" x 3.94" x 1.22")	
Weight	210g (0.97 lbs)	
Certification	FCC, CE, KCC, RoHs	

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