

Proximity Standalone Controller (RFID / PIN)

- Up to 512 Registerable Users
- Input/Output and Operation Time Setting using the Keypad
- Keypad Lock by Try-Out Error Alarm Function
- Toggle Mode for Door Opening / Closing



100R Series

Proximity / PIN
Access Controller
Access Control
in One Device

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(RFID / PIN)

100R Series



Key Features

- 125KHz Standalone Proximity & PIN Single Door Access Controller
- 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
- Duress Mode Function
- Toggle Mode for Door Opening / Closing
- Safe (Default) / Secure Mode Available
- Lock Control by Door Sensor
- Dual Tamper Switches
- 1ea of External Reader Port for Exit: 26bit Wiegand
- Chime Bell Output
- Options: 4ch Voice Auto-Dialer

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- **100R:** 125KHz (PSK Format / IDC Type): RF(PIN) or RF(PIN) + Password
 - **IP-100R:** 125KHz (ASK[EM] Format): RF(PIN) or RF(PIN) + Password

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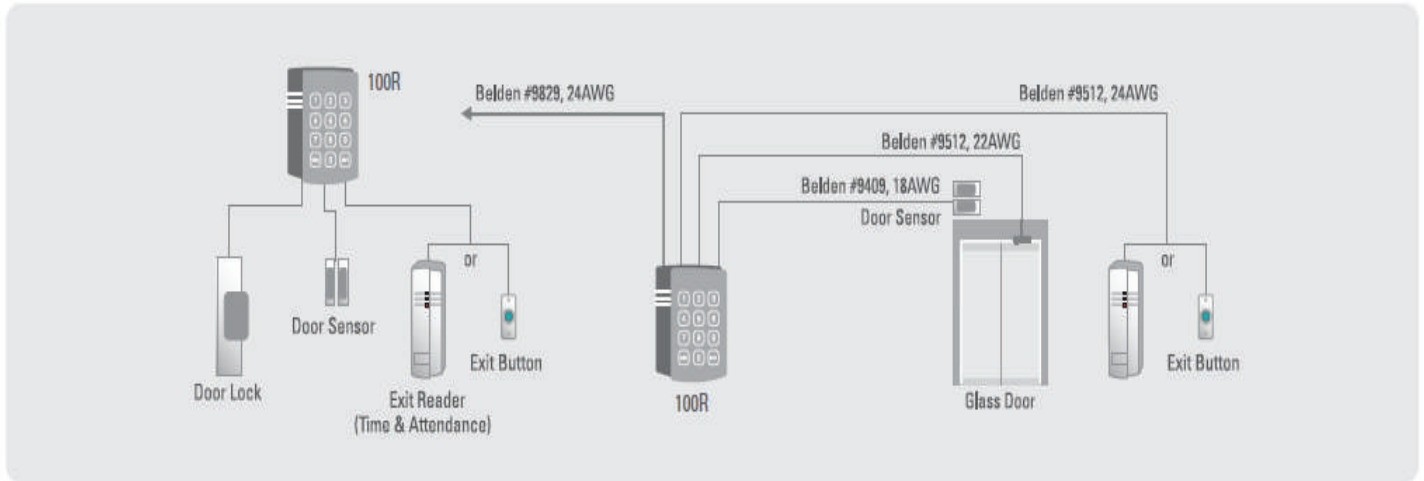
Specifications

Model		100R
CPU		Dual 8bit Microprocessor
Memory	Program	20KByte ROM
	Data	2KByte EEPROM
ID User		512 Users (Includes 1 Master Card)
Reading Range		100R: IDC80/IDC170: Up to 4 Inch(10cm) IP-100R: IPC80/IPC170: Up to 4 Inch(10cm)
Reading Time (Card)		30ms
Power / Current		DC 12V / Max.200mA
Input Port		5 EA: Exit Button, Door Sensor, Aux#1, Aux#2, Aux#3
Output Format		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
LED Indicator		3 Array LED Indicators (Red, Green and Yellow)
Keypad		12 Numeric Keypad with Back Lightings
Buzzer		Piezo Buzzer
Operating Temperature		-30°C ~ +50°C (-22°F ~ 122°F)
Operating Humidity		10% ~ 90% Relative Humidity, Non - Condensing
Color / Material		Black / 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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Standalone Configuration



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