

IP-RC04 Reader-Controller

Now it's easier than ever to install a door access control system using your existing Ethernet network. It can be easily integrated with an IP video surveillance security system.

The new ISONAS IP Door Access Control is both a reader and a controller. It doesn't use a control panel. With intelligence built into each and every unit, the PRX model reads the RFID cards from Isonas or HID, while the new MCT model also reads the latest ISO 14443 Smart Card technology.

All ISONAS are powered using PoE. Can use your smartphone as the credential.



Features:

- Network Attached Readers and Controller in one
- Reader-Controllers are available in two models: Multi-card technology (125kHz and 13.56 MHz) or a proximity-only version (125kHz). Pure Access cloud control software – control your doors from anywhere
- Bluetooth® Low Energy (BLE) allows customers to utilize our Pure Mobile application and use their smart phone as their credential.
- Local mode feature allows readers to function without a connection to the network. This results in faster user response times, less network traffic and reduced host system loading.
- Tamper detection via accelerometer senses any type of altering and prevents a security breach with the reader.
- Secure data transmissions with AES 256 bit encryption
- Metal back plate provides additional security, a simple two piece installation and consistent read range

Models:

RC04-PRX-M	Mullion Style, Reads 125 KHz credentials
RC04-PRX-W	Wall Style, Reads 125 KHz credentials
RC-04-PRX-WKP	Adds keypad, Wall Style, Reads 125 KHz credentials
RC04-MCT-M	Mullion Style, 13.56 MHz (ISO 14443 A & B) or 125KHz credentials
RC04-MCT-W	Wall Style, 13.56 MHz (ISO 14443 A & B) or 125KHz credentials
RC04-MCT-WKP	Wall Style with Keypad, 13.56 MHz (ISO 14443 A & B) or 125KHz credentials



Mullion Style



Wall Style



Wall Style, with keypad

SPECIFICATIONS

GENERAL

Multiple Form Factors
Mullion (5.1" x 1.7" x 0.71")
Wall mount (5.1" x 3.25" x 0.17")
Wall mount keypad (5.1" x 3.25" x 0.17")
Low Frequency, High Frequency and Bluetooth®
Low Energy
Local Decision making with host programming
Made in the USA
Compatible with Pure Access Software Platform
Extension cable: 7.5in
Adapter: 19mm diameter

POWER OPTIONS

Power Over Ethernet (PoE), (IEEE 802.3af, Class 0)
DC Power: 12VDC In (9 to 16V)
PLEASE NOTE: 24V DC is not approved for this device

NETWORK COMMUNICATIONS

10Mb, Half or Full Duplex
Ethernet, TCP/IP, standard RJ45 Cable
Network host or client modes supported
DHCP Addressing Supported
Field flashable microcode

ENVIRONMENTAL

UL-294 Compliant
FCC Certified
Operating Temperatures -40°F to 135°F (-40°C to 57°C)
Conformal Coated for Weather Resistance
Exposure Ratings: IP56

OUTPUTS

8 wire pigtail
600mA provided to power the lock
Conditioned Lock Power

Fail Safe and Fail Secure Supported
Two Exterior Door Kit Outputs

INPUTS

Two configurable inputs:
Door Sense
General Purpose Request to Exit(REX) or Auxiliary (AUX)

VISUAL INDICATOR

LED signal for reader status
Backlit Keypad

SECURITY FEATURES

Tamper Detection via an accelerometer
AES-256 bit encryption

READ RANGE

3" typical on RFID cards
Proximity read speed: <250msec

CREDENTIAL TYPES

125 kHz (FSK modulation)
13.56MHz
Bluetooth® Low Energy Supported (4.1 and later)
Mifare® Classic, Ultralight, and Mifare Plus
MiFare DesFire EV2 (CSN) ISONAS Only
iClass (CSN)
ISO14443A & B

READER-CONTROLLER INTELLIGENCE CAPACITY

64,000 Credentials
5,000 Events
32 Time Schedules

KINTRONICS
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