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:

<table>
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<th>Model</th>
<th>Description</th>
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<td>RC04-PRX-M</td>
<td>Mullion Style, Reads 125 KHz credentials</td>
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<td>RC04-PRX-W</td>
<td>Wall Style, Reads 125 KHz credentials</td>
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<td>RC04-PRX-WKP</td>
<td>Adds keypad, Wall Style, Reads 125 KHz credentials</td>
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<tr>
<td>RC04-MCT-M</td>
<td>Mullion Style, 13.56 MHz (ISO 14443 A &amp; B) or 125KHz credentials</td>
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<td>RC04-MCT-W</td>
<td>Wall Style, 13.56 MHz (ISO 14443 A &amp; B) or 125KHz credentials</td>
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<tr>
<td>RC04-MCT-WKP</td>
<td>Wall Style with Keypad, 13.56 MHz (ISO 14443 A &amp; B) or 125KHz credentials</td>
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</tbody>
</table>
### 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 -40ºF to 135º F (-40ºC to 57ºC)
- Conformal Coated for Weather Resistance
- Exposure Ratings: IP56

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

#### FAILSAFE
- 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