

RC-04

Pure IP Reader-Controller



■ WE ARE REVOLUTIONIZING ACCESS CONTROL WITH ONE SIMPLE SOLUTION.

UNLIKE TRADITIONAL PANEL-BASED OR IP-PANEL SYSTEMS, **PORTALP** DELIVERS THE ONE PROVEN ACCESS CONTROL SOLUTION THAT OFFERS NETWORK-BASED, "PURE IP" TO THE DOOR TECHNOLOGY. THAT ELIMINATES THE NEED FOR CUMBERSOME CONTROL PANELS AT EACH AND EVERY ACCESS POINT, COMPLEX WIRING AND POWER SUPPLIES THAT ARE COSTLY, AND REGULAR MAINTENANCE ACROSS PHYSICAL LOCATIONS.

WITH THE INNOVATIVE **RC 04**, **PORTALP** PROVIDES A SIMPLER AND SMARTER ALTERNATIVE. OUR INNOVATIVE TECHNOLOGY ENABLES YOU TO MANAGE MULTIPLE LOCATIONS IN REAL-TIME THROUGH YOUR EXISTING NETWORK, LOWER YOUR TOTAL COST OF OWNERSHIP, AND EXPERIENCE THE FLEXIBILITY TO GO PLACES YOUR ORGANIZATION NEVER IMAGINED.

VALUE PROPOSITION



PROVEN INNOVATION

RC 04 THE FIRST "PURE IP" TO THE DOOR SOLUTION ELIMINATES THE NEED FOR A SEPARATE POWER SUPPLY, CONTROL PANEL AND DEDICATED HARD WIRING.



GREATER VALUE

COMPARED TO TRADITIONAL SYSTEMS THAT REQUIRE MORE EQUIPMENT, LABOR AND MAINTENANCE, THE TOTAL COST OF OWNERSHIP IS FAR LESS.



TOTAL FLEXIBILITY

THE ABILITY TO EASILY INTEGRATE WITH OTHER SYSTEMS AND GO WHERE OTHER ACCESS CONTROL SOLUTIONS CAN'T GIVES YOU THE FREEDOM TO ADAPT TO CHANGING NEEDS.



SPECIFICATIONS

General

- Multiple form factors
 - Mullion (5.1" x 1.7" x 0.71")
 - Wall mount (5.1" x 3.25" x 0.71")
 - Wall mount keypad (5.1" x 3.25" x 0.71")
- Low frequency, high frequency and Bluetooth® Low Energy
- Local decision making with host programming
- Made in the USA
- 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

Software compatibility

- Pure Access cloud
- Pure Access manager (on-premise)
- Open Options

Environmental

- UL 294 V6 certified
- 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

Read range

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

Credential types

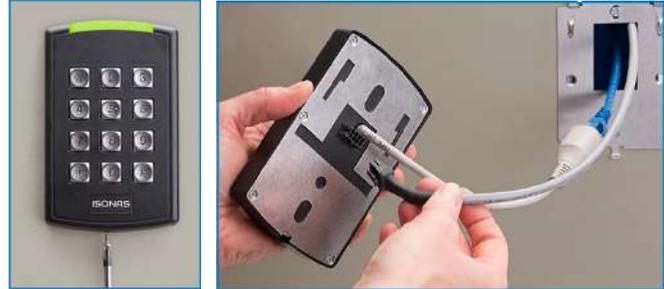
- 125 kHz (FSK modulation)
- 13.56MHz
- Bluetooth® Low Energy supported (4.1 and later)
- MiFare Classic, Ultralight, and MiFare Plus
- MiFare DESFire EV2 (secure sector) ISONAS only
- iClass (CSN)
- ISO14443A & B

Reader-controller intelligence capacity

- 64,000 credentials
- 5,000 events
- 32 time schedules

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Pure IP™ Reader-Controller



The Pure IP™ hardware family from **ISONAS** offers a suite of products that allow you to customize your access control solution. Our Reader-Controller continues to take advantage of our patented technology and remains an all in one intelligent device; eliminating the need for a panel and allowing you to take advantage of your existing network.

Check out some of the latest features of the **RC-04**:

- Mullion, wall mount and wall mount keypad form factors allow for US and EU compatible mounting options; creating a simpler install process at each door.
- Reader-Controllers are available in two models: Multi-card technology (125kHz and 13.56 MHz) or a proximity-only version (125kHz).
- 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.
- Metal back plate provides additional security, a simple two piece installation and consistent read range.



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