ISONAS™
PURE IP ACCESS CONTROL

ALLEGION™

We're revolutionizing
access control

with one simple solution

Product catalog

We're transforming the industry with Pure IP™

ISONAS is the first access control company to design and manufacture a cutting-edge, IP-to-the-door solution that eliminates needless complexity —including inconvenient control panels, separate power supplies, and dedicated hard-wiring. The IP structure for access control provides quality, flexibility and value for schools, hospitals and organizations seeking to add physical access control. The open architecture hardware can be paired with ISONAS cloud-hosted software or with any integrated full-featured access control solution; providing a complete access control platform.

Based in Boulder, Colorado, ISONAS is part of the Allegion portfolio of brands, a leading global security products and solutions provider. An ISONAS system provides an ideal product solution for securing facilities while reducing costs and providing all the advantages that Pure IP™ technology brings to the door. Together, ISONAS and Allegion deliver value to customers by harnessing synergies in offering and leveraging the strength of its collection portfolios.

pure mobile

1 Download the Pure Mobile application
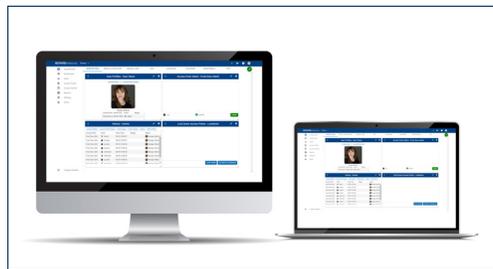
2 Enroll the user in Pure Access™

3 Present the smart phone to complete enrollment and you're all set!

Part number	Description	Features

P-Mobile

Pure Mobile credentials
Pure Mobile credentials allow consumers to take the convenience of their mobile phone to the next level and use their mobile device as an access card. Making access control into a simple, hassle free part of their day.

Device compatibility:
- iOS 8.0 and newer
- Android 5.0 and newer
- BLE 4.1 and newer
- All ISONAS Pure IP readers and reader controllers

Secure:
- Encrypted communication using unique session keys
- Individual pairing to specific devices
- Non-transferable credentials

Not compatible with Schlage devices

Software

pure access

Pure Access is a fully web-based application that provides a complete access control platform allowing for full installation, administration and management of our patented Pure IP access control hardware. The modern user interface establishes a standard for ease of use in managing an unlimited number of access points across any geography through a mobile device, tablet or modern browser. Pure Access brings features and functionality to access control that fully leverage the power of our Pure IP hardware solution.
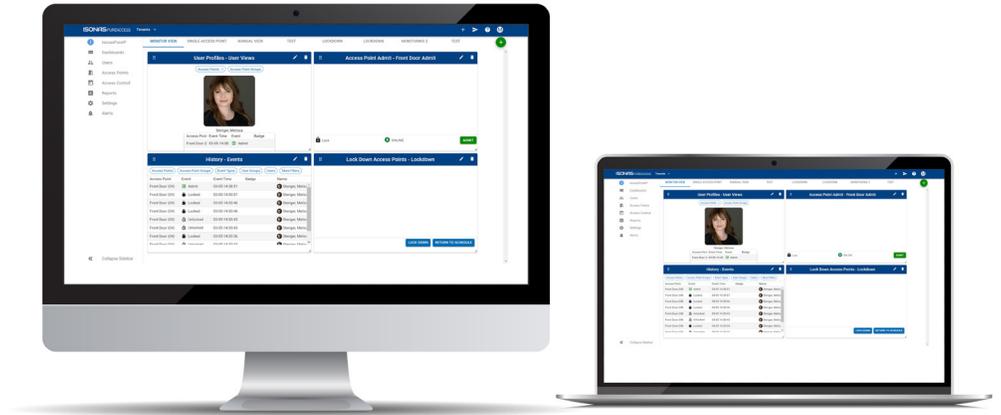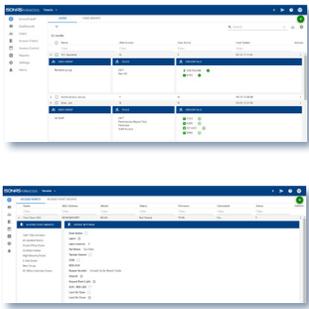
Part number	Features
Pure Access Cloud PAC-1-5 PAC-6-20 PAC-21-50 PAC-51-100 PAC-101-250 PAC-251 PAC-RMR PAC-RMR-50 PAC-RMR-75 PAC-RMR-100	• Fully hosted access control platform, hosted by Amazon Web Services • Simple off the shelf recurring revenue model for certified integrators • Multiple availability zones for redundancy • If a loss of connection occurs to AWS, the ISONAS reader controllers operate in local mode as usual. • Provides end to end secure communication by using industry recognized best practices
Pure Access Manager PA-M	Pure Access Manager is a web-based platform that is an on-premise access control solution with similar features and functions to Pure Access Cloud. It allows you to manage your software on your own server.

Access control

Pure IP reader controller family

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.

- Smart card and proximity card models (13.56MHz and 125kHz)
- BLE capability and compatible with the Pure Mobile credential
- DHCP addressing supported
- Tamper detection via accelerameter
- Conformal coated for weather resistance
- Operating temperatures -40°F to 135° F (-40°C to 57°C)
- Exposure ratings: IP56
- UL-294 compliant
- FCC certified
- Power output; 0.6amps @12V
- PoE or 12V DC power options
- Compatible with Pure Access, Open Options and Genetec

NOW WITH MOBILE CREDENTIALS

	Part number	Features
	Pure IP reader controller RC-04-MCT-WK RC-04-PRX-WK	• Single gang mounting capability • Backlit keypad • Dimensions: 5.1" X 3.25" X 0.71"
	Pure IP reader controller RC-04-MCT-W RC-04-PRX-W	• Single gang mounting capability • Dimensions: 5.1" X 3.25" X 0.71"
	Pure IP reader controller RC-04-MCT-M RC-04-PRX-M	• Mullion mounting • Dimensions: 5.1" X 1.7" X 0.71"

Pure IP Wiegand reader family

The Pure IP hardware family from ISONAS also includes a line of Wiegand readers. Fully customize your Pure IP solution with either our reader controller or our Pure IP IP-Bridge connected to our Wiegand readers. Similar to a video encoder, the IP Bridge allows you to avoid rip and replace, creating a migration path from analog to a new IP architecture that leverages existing infrastructure. Maintain the same aesthetic in your building by mixing and matching our hardware and maximizing the efficiency of the installation process.

- Low frequency, high frequency and Bluetooth® low energy compatible
- Made in the USA
- Material: Plastic (ABS) and Metal (SECC)
- Compatible with Pure Access
- DC power 5-16 V DC
- FCC, IC and CE certified
- Operating temperatures -40°F to 158° F (-40°C to 70°C)
- Accommodates indoor, outdoor and various other installation environments
- Exposure ratings: IP55

	Part number	Features
	Wiegand reader R-1-MCT-WK	• Single gang mounting capability • Backlit keypad • Dimensions: 5.1"x 3.25" x 0.71"
	Wiegand reader R-1-MCT-W	• Single gang mounting capability • Dimensions: 5.1"x 3.25" x 0.71"
	Wiegand reader R-1-MCT-M	• Mullion mounting • Dimensions: 5.1" X 1.7" X 0.71"

	Pure IP IP–Bridge 2.0
	 2-Door model –
	   PN: IPB2.0-2Door
	
	 3-Door model –
	   PN: IPB2.0-3Door
		• Supports PoE, PoE+, 12v, and 24v power options
		 • Supports standard door hardware, including Wiegand readers
		 • Dual network port allows interconnection of multiple IP–Bridges
		 • Functions as an ethernet network appliance to connect other IP devices, such as cameras
		 • Two TTL outputs*
		 • Three configurable inputs (REX, AUX, door sensor)*
		 • DIN rail mountable
		 • Dimensions: 6.28" X 3.55" X 2.26"
		 • Compatible with Pure Access
		
		 *Please note: Currently not supported with Pure Access Software

Accessories

Part number	Description	Features
DMO-RC-04-MCT-WK-LS	**Demo unit** The ISONAS demo unit is a self-contained plug and play unit that includes everything you need for demonstrations, including a 1-year Pure Access Cloud 1-5 door demo license.	• ISONAS Pure IP RC-04 MCT reader controller • Equipped with integrated backlit keypad • Locknetics™ CS450 electric strike • Locknetics MPB-100-N REX button • Power over ethernet injector • Ethernet and crossover cable • DES-EV2-TC and TC-2 credentials
RC-04-Enroll	**Pure IP enrollment reader** Create a simple enrollment process with our RC-04 enrollment reader controller. This simple desk stand and our Pure IP RC-04 mullion proximity reader controller provide a one stop shop to enroll your user's credentials, whether they be on a mobile device or a badge.	• RC-04-PRX-M included • Dimensions: 3" W x 8" H
CABLE-25/CABLE-10	**Pure IP cables** 8-pin snap-in connector simplifies installation by allowing pre-wiring to be done prior to the installation of the Pure IP reader-controller available in 10 and 25 foot lengths.	• 8-pin snap-in MOLEX connector • Jacketed cable for protection and improved cable pulls • 8 conductor cable, 22 AWG wires • Cable jacket pre-stripped for connections to the door's components • Being detachable simplifies the system's maintenance and troubleshooting • Compatible with RC-04
PN: ACC-EDK-3A	**Advanced security module** For exterior doors, this kit provides an increased level of security by preventing the lock wires from being in contact with the unsecure side of the door.	• Durable plastic enclosure • Polycarbonate blend, UV stabilized • Potted for greater weather resistance • Powered by ISONAS reader controller; no additional power required • Rated for 3 amps at 12v DC • Proprietary encrypted serial data • 2 sets of terminal blocks for easy installation • Two LED indicators • Required for magnetic lock installations powered via PoE • Dimensions: 2 ¾" X 1 ¼" X ¾"

Accessories

Part number	Description	Features
PN: ACC-IRS-4700	**Magnetic lock kit** Protects your reader from inrush voltages and is primarily used for magnetic door locks.	• Any installation that is using magnetic locks that are equipped with a "quick-release feature" should have this inrush protection installed • Dimensions: 1.25" x 1.25" x 2.25"
CABLE-Adapter	**Adapter cable** Simply upgrade your PowerNet RC-03 reader-controller to an RC-04 without having to pull a new pigtail cable. Simply attach the 12-pin adapter to the existing pigtail and then the 8-pin to the RC-04. Then update the wiring at the end of the cable to match the RC-04 wiring guidelines.	• 12-pin to 8-pin converter cable • Ends shrunk wrapped for greater durability • 5" L X 3/4" diameter

ISONAS open platform

ISONAS provides an access control system that enables effortless integration with your existing systems—or new ones over time. Our open platform frees customers from proprietary, closed systems with limited features and functionality, and provides the power of choice in software. ISONAS APIs allow you to integrate complex services with Pure Access to go beyond the integrations we provide out of the box. Join the Pure IP revolution and let ISONAS's open platform allow you to create an IP ecosystem for the future.

AMBULANCES

Data racks

DOORS

REMOTE SITES

ISONAS
PURE IP ACCESS CONTROL

PARKING GATES

MEDICAL CABINETS

ACCESS CONTROL
SOFTWARE INTEGRATIONS

ISONAS ecosystem

Access control software integrations

The ISONAS open platform offers third party access control software integrations giving customers choice in their software solutions. Customers can now take advantage of the Pure IP hardware benefits that only our solution can provide; a simple installation for a lower cost. This choice frees customers from proprietary closed systems that are expensive and provide limited solutions. This puts ISONAS hardware in the position to become the de facto standard for access control hardware in the industry.

OPEN OPTIONS®
ACCESS TECHNOLOGY

Entrust Datacard®
Trusted Identities | Secure Transactions

NETNODES

BADGEPASS™

Credentials

Part number	Description	Features
PN: TC-2-50 PN: DES-EV2-TC-4K-50 PN: HID-ISOProx-2-50	**Thin cards** The ISONAS thin card provides flexibility on how to execute identification cards. Commonly used with printed employee pictures. Note: Available in MiFare DESFire EV2 (13.56MHz)	• Size of a standard credit card • Easily fits into wallets • Printable on standard ID card printers • Dimensions per ISO 7810 • Utilizes RFID Technology • Color - White • Material - PVC • Operating temperature -50°F to 160°F • Available in both ISONAS proprietary and HID™ formats, both high and low frequencies
PN: KF-3-20 PN: HID-ProxKey-III-100	**Key fobs** Key fobs provide flexibility and ease of access by allowing employees to carry the fob with them at all times.	• Utilizes RFID technology • Conveniently attaches to a set of car keys • Built to withstand wear and tear • Color - Black/Grey • Material - PVC • Operating temperature -30°F to 175°F • Available in both ISONAS proprietary and HID formats
PN: LC-1-25 PN: DES-EV-CS-2K PN: HID-ProxCard-2-100	**Clamshell** The clamshell provides a cost-effective solution to proximity access control. It provides durable packaging and the hole punch provides flexibility. Note: Available in MiFare DESFire EV2 (13.56MHz)	• More durable than a thin card • Pre-punched hole for a lanyard • Utilizes RFID technology • Color - White • Material - Hard shell ABS and PVC • Operating temperature -50°F to 160°F • Available in both ISONAS proprietary and HID formats
	Cap tag The small size of the cap tag along with adhesive backing allows you to turn normal items into a proximity credential. Some examples: student ID cards, books, computers, and cell phones.	• Utilizes RFID technology • Color - White • Material - PVC • Operating temperature -10°F to 120°F

ISONAS Integrator Partner Program

This program is designed to ensure that our partners are provided the most up to date tools and resources to effectively support the access control IP revolution. ISONAS integrators are granted access to the latest in online training modules, sales and marketing collateral, design tools, technical documentation, and access to our industry leading technical support. Through this comprehensive program, ISONAS integrators can provide superior support and installations to our mutual customers.

How to become an ISONAS integrator

There are two avenues to becoming an ISONAS integrator; we offer a free online training program or a single day live session with our technical sales manager.

Learn more on our website at www.isonas.com/training.

Our solution comes with a comprehensive level of support

We are here to serve. ISONAS is dedicated to ensuring our customers are wowed by our service and our products. You, our customers, are what make our business grow and we want to be an engaged, approachable partner to you.

We promise to be the experts in IP access control and help you grow your business.

At ISONAS, we are committed to providing customers with complete peace of mind. Technical support is available via phone and email Monday - Friday 8am est to 7pm est.

Contact us:

Sales:	Isonas.Sales@allegion.com
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Orders:	Allegion_Orders@allegion.com
Phone:	877-671-7011

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