



# RC multi-technology reader controller



## Overview

The Schlage® RC is an IP reader controller that combines patented Pure IP™ access control technology together with Schlage's intelligent hardware, delivering a cost-effective all-in-one edge device that easily integrates into open PACS solutions. The Schlage RC connects to existing IT networks via a single PoE cable; reducing installation time and eliminating the need to run separate power to the door. The Schlage RC provides real-time connectivity with local mode feature, and can be managed in the same system as Schlage NDE and LE wireless locks.

**Three models are available to allow for common mounting options; creating a simple install process at each door.**

- **RC11:** Mullion mount, multi-technology IP reader controller
- **RC15:** Single gang mount, multi-technology IP reader controller
- **RCK15:** Single gang mount, multi-technology IP reader controller with keypad

Schlage RC reader controllers provide both a modern look and an advanced feature set. Designed with technology to support Bluetooth, NFC (Near Field Communication), smart credentials (13.56 MHz) and standard proximity credentials (125 kHz); end users can define their migration path to secure credentials.

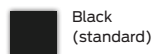
## Features and benefits

- Host and local modes supported
  - Host mode allows for real time connectivity where the host makes real time decisions for access, LED and buzzer sequencing, etc. Should the connection drop, the device will switch to local mode.
  - Local mode allows the Schlage RC to function without a connection to the network. This results in faster user response times, less network traffic, and reduced host system loading.
- Reader controllers support 125 kHz proximity, 13.56 MHz smart technology, 2.4 GHz Bluetooth and Near Field Communication (NFC)
- Tamper detection via accelerometer senses any type of altering and prevents a security breach with the reader.
- Communication is secured using industry standard TLS 1.2 encryption
- Supports network communication speeds of 10 or 100 mbps half or full duplex
- Commission via ENGAGE™ mobile app for easy configuration
- Three configurable inputs; Door Position (DPS), Request to Exit (REX), and Auxiliary (AUX)
- Mullion, wall mount and wall mount with keypad form factors
- Credential parity with Schlage readers and wireless locks; ISONAS credential parity is a factory orderable option
- Accommodates interior, exterior, metal and non-metal installation environments



| Model                             | RC11  | RC15   | RCK15  |
|-----------------------------------|---|--|--|
| Reader technology                 | Mobile (NFC and Bluetooth), smart, proximity  | Mobile (NFC and Bluetooth), smart, proximity     | RC15 + keypad                                    |
| Mounting style                    | Mullion   | Single gang                                      | Single gang                                      |
| Modes and capacity                | <p>Host mode: real time connectivity; unlimited credential, events, time schedules, and holidays capacity*</p> <p>Local mode: decisions made at device when connection is offline or configured to local; 64,000 credentials - 5,000 events - 32 time schedules - 32 holidays</p> <p>* Host capacity is based on your host programming; contact your support team</p> |  |  |
| Network communications            | <p>10/100 Ethernet - half or full duplex - Cat5e, Cat6, or better cable</p> <p>WebSockets - Network host or client modes - DHCP addressing</p> <p>TLS1.2</p>  |  |  |
| Visual and audible communications | <p>LED (red, amber, green)</p> <p>Audible indicator (on/off)</p>  |  |  |
| System Interfaces                 | 2 TTL Lines / Clock & Data (for use with Advanced Security Module (ASM))  |  |  |
| Inputs                            | Request to Exit (REX) / Auxiliary Input (AUX) / Door Position Switch (DPS)  |  |  |
| Tamper                            | Yes   |  |  |
| Power input                       | <p>PoE or PoE+ (IEEE 802.3af, Class 0)</p> <p>DC power: 10-13 VDC</p> <p>Please note: 24 VDC is not approved for this device</p>  |  |  |
| Power output                      | 600 mA maximum output current @ 12 VDC  |  |  |
| PoE / PoE+ Pigtail                | 26 AWG, Cat5E, 8" length  |  |  |
| Physical dimensions               | 5.94" x 1.77" x 1.0"<br>(15.1cm x 4.5cm x 2.5cm)  | 5.13" x 3.25" x 1.0"<br>(13.0cm x 8.3cm x 2.5cm) | 5.13" x 3.25" x 1.0"<br>(13.0cm x 8.3cm x 2.5cm) |
| Weight                            | 5.8 oz<br>(164.4 g)   | 8.1 oz<br>(229.6 g)                              | 8.2 oz<br>(232.5 g)                              |
| Software compatibility            | Works with open PACS systems including ISONAS Pure Access™ Cloud. See <a href="https://us.allegion.com/alliances">us.allegion.com/alliances</a> for details.  |  |  |
| FIPS 20 compliant                 | No  |  |  |
| Certifications                    | FCC, IC, UL294 V7 / cUL Listed RED Directive, CE Mark, IP65, REACH, Bluetooth SIG, RoHS3  |  |  |
| Frequency                         | 2.4 GHz Bluetooth, 13.56 MHz Smart, 125 kHz Proximity   |  |  |
| Standards                         | ISO 14443A, ISO 15693   |  |  |
| Operating temperatures            | <p>-31° to 151°F</p> <p>(-40° to 66°C)</p>  |  |  |

## Color option



- 1 DESFire® CSN, HID iCLASS® CSN, Inside Contactless PicoTag® CSN, ST Microelectronics® CSN, Texas Instruments Tag-It® CSN, Phillips I-Code® CSN
- 2 Schlage® Proximity, ISONAS Prox, HID® Proximity, GE/CASI® Proximity, AWID® Proximity, LenelProx®
- 3 Schlage smart cards using MIFARE Classic® EV1, Schlage smart cards using MIFARE Plus®, Schlage smart cards using MIFARE® DESFire® EV1, Schlage smart cards using MIFARE® DESFire® EV2 . ISONAS credential parity available; specify CE-5901-0402 with your RC order
- 4 Compatible with Bluetooth and NFC-enabled devices

## About Allegion

Allegion (NYSE: ALLE) is a global pioneer in safety and security, with leading brands like CISA®, Interflex®, LCN®, Schlage®, SimonsVoss® and Von Duprin®. Focusing on security around the door and adjacent areas, Allegion produces a range of solutions for homes, businesses, schools and other institutions. Allegion is a \$2 billion company, with products sold in almost 130 countries. For more, visit [www.allegion.com](https://www.allegion.com).

