

**Gateway (RS-485) integration
for Von Duprin
RM/RU**



Controller: Sielox AC-1700
 Controller firmware version: 19.45 or greater
 Software name: Sielox Pinnacle Server
 Software version: 10.0.2 or greater - Check with Sielox for any PC and OS requirements

Overview

Von Duprin®’s Remote Undogging (RU) and Remote Monitoring (RM) options are designed for doors that would typically go unaddressed with traditional access control solutions due to cost and complexity. They provide the right level of features and functionality for the application and compliment traditional solutions to deliver a more comprehensive security package.

For non-fire-rated applications, the RU option provides electronic override of mechanical dogging with confirmation of door status for daily lock-up or emergency lockdown. This offers assurance and peace of mind in addition to delivering improved efficiency.

The RM option is a sensor only configuration for panic or fire-rated application with request to exit (RX), latchbolt monitor (LX) and door position (DPS) switches. It provides a more complete view of door status to address issues such as door props, which can pose daily security risks as well as preventing effective implementation of emergency lockdown.

These flexible and scalable options enable you to cost effectively upgrade existing devices. The RU and RM are battery powered kits that retrofit existing 98/99 and 33A/35A devices. They connect wirelessly to the integrated access control system to eliminate the need to run wires to each opening.

Contact Sielox to determine any licensing requirements and for any additional details on features and credentials supported.

Features

Number of RS-485 ports on controller	1
Maximum number of gateways/PIMs per controller/host	Up to 16
Maximum number of modules supported by controller	Up to 32
Maximum number of RU/RM per gateway	10
Remote linking capability via Host	Yes
Remote unlinking capability via Host	Yes
Remote lockdown	Yes (<5 sec)
Update frequency	Real-time

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Features

Schedules	Yes
Holidays	Yes
Firmware updates accomplished by ONR Over Network Reflash or via Mobile App/SUS	ONR Over Network Reflash supported

Status Monitors

Request-to-exit	Yes
Door Position	Yes
Latchbolt monitoring	Yes
Mechanical dogging override	Yes
Dog on next exit	Yes
Remote Lockdown/unlock	Yes (<5 sec)
Low battery status	Yes
Communication status	Yes

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Supporting Documents

- [Architecture Diagram](#)
- [Wiring Diagram 1](#)