

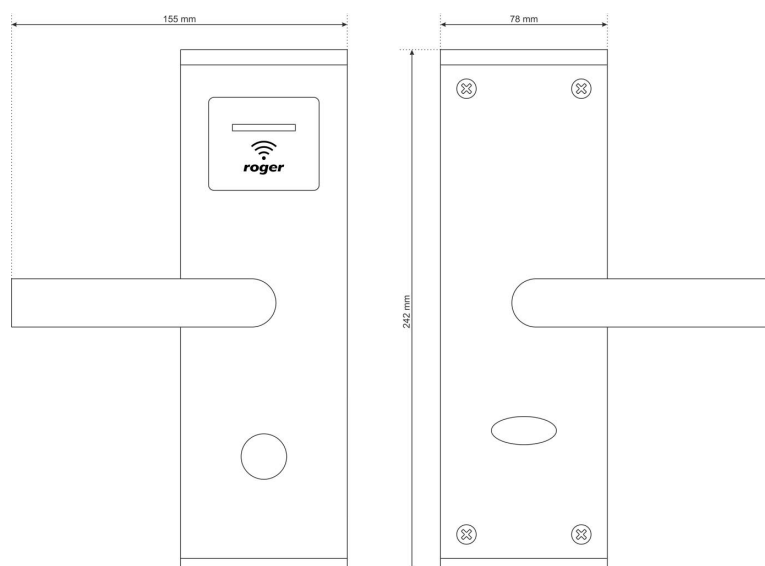


The RWL-1 lock enables wireless read-in access control and it can be operated as network device in RACS 5 system or as locally configured standalone device. The lock consists of two escutcheons with handles and mortise lock. Card reader is installed in the external escutcheon while the battery pack is installed in the internal one. The handle on internal side is permanently coupled with deadbolt so the door can always be opened from the inside regardless of battery state. The handle on external side is separated from the deadbolt and

moves freely. When the access is granted, the electronic module couples the handle on the external side with the deadbolt to enable door opening. When the door is closed then the deadbolt is relocked automatically in order to prevent unauthorized door opening. The RWL-1 lock can be optionally equipped with door cylinder and then be opened with traditional metal key. The RWL-1 lock is equipped with rotary knob and latch contacts which are reported along with battery status to access controller.

Features:

- wireless lock with escutcheons, internal servomechanism and mortise lock
- deadbolt relocked automatically when door is closed
- deadbolt position detector
- knob switch position detector
- connection of external door contact
- 100 cards in standalone mode
- automatic switch to standalone mode in case the wireless communication is lost
- IEEE 802.15.4/2.4 GHz wireless communication
- transmission range up to 10 m in open space
- identification with ISO/IEC 14443A/MIFARE® proximity cards
- four LED indicators and buzzer
- power supplied with four AA batteries
- battery life approximately 2 years with average 10 entries per day
- battery status reporting to access control system
- local signalling of battery low charge level
- wired and wireless low level configuration with RogerVDM software
- dimensions of escutcheon without handle:
 - 242.0 x 77.0 x 20.0 mm (height x width x thickness)
- escutcheon mounting with 4 bolts 5.0 x 60.0 mm
- handle spacing: 72 mm
- lock backset: 55 mm
- rounded faceplate: 235.0 x 20.0 mm
- one-sided door cylinder with metal keys included
- door thickness from 38 to 55 mm
- IP40
- weight: ≈2200.0 g
- CE mark

**Ordering guide**

Item	Description
RWL-1-LI	Wireless door lock with escutcheon; left hand
RWL-1-LO	Wireless door lock with escutcheon; left hand; reverse bevel
RWL-1-RI	Wireless door lock with escutcheon; right hand
RWL-1-RO	Wireless door lock with escutcheon; right hand; reverse bevel

Legal Notice

This document is not intended to be a technical specification of the product and has informative character only. The Manufactures of product reserves right to change its characteristic without notice. The product features listed in this document refer to the entire series and depends on particular product version, configuration and additional equipment.

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