

# Waterproof Access Reader

R-WCA



## Key Features

- Read and Issues MIFARE (IC) Cards
- Buzzer and Indicator Light
- RS-485 and Wiegand Communication Protocols
- IP66 Protection For Indoor and Outdoor Use

## Certifications and Compliance

- NDAA Compliant

## Learn More



Learn more about this product's key technologies.



View all compatible accessories for this product.

## Overview

The **R-WCA** is part of Luminy's access control product range. Luminy's access control solutions are built for flexibility and scalability and provide reliable, secure access for applications of all sizes.

## Key Technologies

**Anti-passback** technology prevents reentry using the same credentials without proper exit, enforcing strict access protocols in high-security areas.

**Multi-credential capability** allows for different authentication methods, such as card, PIN, or Bluetooth credentials (varies by model) to provide flexible and secure access control options.

**Feedback indicators** such as integrated LEDs and buzzers provide real-time audio and visual feedback during user interactions.

# Specifications

## Card Reading Functions

Card Type	IC (MIFARE)
Frequency Range	13.56 MHz
Maximum Transmission Power	42 dBm at 10 m
Verification Method	Card
Response Time	0.1 s
Card Reading Distance	0 in. to 2.0 in. (0.0 cm to 5.0 cm)

## Interface

RS-485	One (1) Channel
Wiegand	One (1) Output Channel

## Alarm

Event	Tamper
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## Electrical

Power Supply	12 VDC, 0.5 A
Power Consumption	<ul style="list-style-type: none"><li>Standby: <math>\leq 0.9</math> W</li><li>Working: <math>\leq 1.7</math> W</li></ul>

## Construction

Net Weight	0.2 kg (0.4 lb)
Gross Weight	0.4 kg (0.8 lb)
Product Dimensions (L × W × H)	5.3 in. × 1.6 in. × 0.6 in. (135.0 mm × 40.0 mm × 15.0 mm)
Package Dimensions (L × W × H)	<b>Inner Carton:</b> 7.3 in. × 6.4 in. × 2.8 in. (185.0 mm × 163.0 mm × 71.0 mm) <b>Outer Carton:</b> 22.8 in. × 15.1 in. × 13.7 in. (578.0 mm × 383.0 mm × 349.0 mm)
Operating Temperature	22 °F to 158 °F (-30 °C to 70 °C) 5% to 95% (RH), Non-Condensing
Protection Ratings	IP66
Material	PC and Acrylic
Installation Method	86 Case Mount, Surface Mount

## Certifications and Compliance

Compliance	NDAA
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## Dimensional Drawing

mm [in.]

