

Bluetooth and Card Access Reader

RD1PN



Key Features

- Mullion Mount Housing With Indicator Light and Buzzer
- Bluetooth Reading and MIFARE (IC) Card Reading
- RS-485/Wiegand/Bluetooth Communication Protocols
- IP66 Protection For Indoor and Outdoor Use

Certifications and Compliance

- NDAA Compliant
- FCC/FCC ID
- IC/IC ID

Learn More



View the Luminys access control product selector.

Overview

The RD1PN is part of Luminys's access control product range. Luminys access control solutions are built for flexibility and scalability and provide reliable, secure access for applications of all sizes.

Key Technologies

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. (Only available for Bluetooth and IC card swiping)

IP66 ingress protection ensures protection against dust and heavy rain, making it ideal for outdoor installations and rugged conditions.

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

Mullion mount housing allows for sleek, unobtrusive security while still providing full functionality and security.

Specifications

Card Reading Functions

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

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">Standby: ≤ 0.9 WWorking: ≤ 1.7 W

Construction

Net Weight	0.1 kg (0.2 lb)
Gross Weight	0.2 kg (0.4 lb)
Product Dimensions (H × W × D)	5.3 in. × 1.6 in. × 0.6 in. (135.0 mm × 40.0 mm × 15.0 mm)
Package Dimensions (H × W × D)	Inner Carton: 7.7 in. × 3.0 in. × 2.1 in. (195.0 mm × 75.0 mm × 52.0 mm) Outer Carton: 16.3 in. × 15.8 in. × 9.1 in. (415.0 mm × 400.0 mm × 230.0 mm)
Operating Temperature	22 °F to 158 °F (-30 °C to 70 °C) 5% to 95% (RH), Non-Condensing
Protection Ratings	IP66 With Silicone Sealant
Material	Tempered Glass and PC
Installation Method	Surface Mount

Certifications and Compliance

Certifications	FCC/FCC ID, IC/IC ID
Compliance	NDAA

Dimensional Drawing

mm [in.]

