

Vandal-Proof Keypad Reader

RD1PM



Key Features

- All-Metal Keypad with Indicator Light and Buzzer
- Supporting MIFARE (IC) Cards Reading and Password Unlocking Method
- IK08 Protection
- RS-485 and Wiegand Communication Protocols

Certifications and Compliance

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

Learn More



Learn more about this product's key technologies.



View all compatible accessories for this product.

Overview

The **RD1PM** 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

IK08 vandal resistance ensures protection against high-impact environments and provides reliability when in demanding locations like warehouses and industrial zones.

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

Specifications

System

Card Type	IC (MIFARE)
Frequency Range	13.56 MHz
Maximum Transmission Power	42 dBm at 10 m
Verification Method	Card, Password
Response Time	0.1 s
Card Reading Distance	0.0 in. to 1.2 in. (0.0 cm to 3.0 cm)
Backlight	Built-In

Interface

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

Alarm

Event	Tamper
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Electrical

Power Supply	9-15 VDC, 100 mA
Power Consumption	- Standby: ≤ 0.9 W - Working: ≤ 1.0 W

Construction

Net Weight	1.1 lb (0.5 kg)
Gross Weight	1.2 lb (0.6 kg)
Product Dimensions (L × W × H)	4.33 in. × 3.35 in. × 1.02 in. (110.0 mm × 85.0 mm × 26.0 mm)
Package Dimensions (L × W × H)	6.0 in. × 5.7 in. × 3.0 in. (153.0 mm × 144.0 mm × 77.0 mm)
Operating Temperature	14 °F to 131 °F (-10 °C to 55 °C) 0% to 95% (RH), Non-Condensing
Protection Ratings	IK08
Material	Zinc Alloy
Installation Method	86 Case Mount, Surface Mount

Certifications and Compliance

Compliance	NDAA, FCC/FCC ID, IC/IC ID
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Dimensional Drawing

