

# Vandal-Proof Keypad Reader

RD1PM



## Key Features

- All-Metal Keypad with Indicator Light and Buzzer
- Supports 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



View the Luminy's access control product selector.

## Overview

The **RD1PM** 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

**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
-------	--------

## Electrical

Power Supply	9-15 VDC, 100 mA
Power Consumption	<ul style="list-style-type: none"><li>• Standby: ≤ 0.9 W</li><li>• Working: ≤ 1.0 W</li></ul>

## 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	NDA, FCC/FCC ID, IC/IC ID
------------	---------------------------

## Dimensional Drawing

