

# Luminys R-MPA Vandal-proof Keypad Access Reader



## Key Features

- All-Metal Keypad with Indicator Light and Buzzer
- Supporting MIFARE (IC) Cards Reading and Password Unlocking Method
- Supports PIN and MIFARE (IC) Card Access Methods
- IK08 Impact Resistance
- IP66 Ingress Protection
- Supports RS-485 and Wiegand Communication Protocols
- Equipped with Anti-Tampering Alarm
- Supports Surface and Flush Mounting
- All-Metal Keypad with Indicator Light and buzzer

## Certifications and Compliance

- NDAA Compliant
- FCC

## Overview

Welcome to the Luminys Systems Corporation R-MPA All-Metal Keypad, the best access control system on the market. Its purpose is to keep your home or business safe. This advanced keypad boasts an all-metal construction, ensuring durability and longevity for long-term use. Its design includes a light and a buzzer to help detect and notify of intrusion attempts.

You can pick the method that works best for you since the R-MPA keypad can read both Mifare (IC) cards and passwords. Users can get into areas without using traditional locks or keys thanks to the Mifare (IC) card reading feature. Instead, they can just swipe their cards. But password unlocking is safer because users have to enter a special code to get in.

## 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.

**IP66 vandal resistance** ensures protection against high-impact environments, ensuring reliability 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	<ul style="list-style-type: none"><li>Standby: <math>\leq 0.9</math> W</li><li>Working: <math>\leq 1.0</math> W</li></ul>

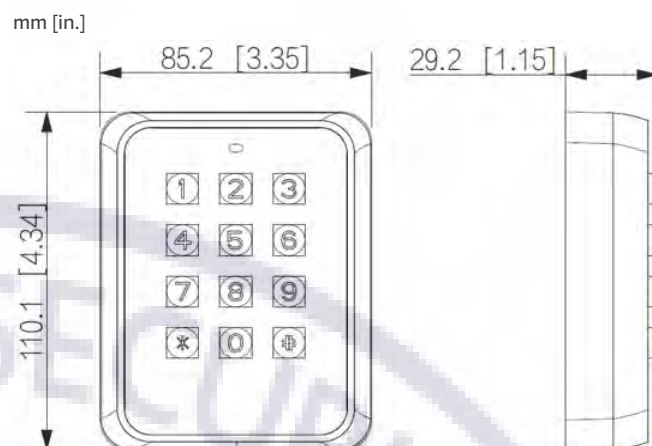
## Construction

Net Weight	1.1 lb (0.5 kg)
Gross Weight	1.2 lb (0.6 kg)
Product Dimensions (L x W x H)	4.33 in. x 3.35 in. x 1.02 in. (110.0 mm x 85.0 mm x 26.0 mm)
Package Dimensions (L x W x H)	6.0 in. x 5.7 in. x 3.0 in. (153.0 mm x 144.0 mm x 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 A
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## Dimensional Drawing



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