



ImproX RRM

Product Specification Catalogue

The **ImproX (RRM) Registration Remote Reader** is a compact MIFARE® and FeliCa Tag registration reader.

You may use the ImproX RRM with the following Registration Interfaces as part of the ImproX IXP120, IXP300 and IXP400 Access Control Systems.

- ImproX (RS) Registration Interface.
- ImproX (RH) Registration Interface.
- ImproX (RL) Registration Interface.

The Remote Reader includes a single tone Buzzer and a bi-coloured Red or Green Status LED. You can set the functions of the Buzzer and Status LED to suit the needs of your application.

The Remote Reader is intended for indoor use only. The electronic components are housed in a Natural, Anodised, Aluminium extruded Cabinet.

Key Features

- Reads FeliCa Tags.
- Reads MIFARE® Tags.
- A bi-coloured Red or Green Status LED.
- A single tone Buzzer with a 4-step adjustable volume (including off).
- An external TTL remote Communications Bus interface.

Reading Range (Tag)

Tag Type	Typical Range (Minimum) (mm)	Typical Range (Minimum) (in)
FeliCa Credit Card Tag	Up to 25	Up to 1
MIFARE® Credit Card Tag	Up to 20	Up to 1

ImproX (RRM)

Registration Remote Reader

XRM901-4-0-GB-XX

Physical Specifications

Part Number

Length	: 97 mm (4 in).
Width	: 61 mm (2 in).
Height	: 68 mm (3 in).
Approximate Weight	: 185 g (7 oz).
Cabinet Material	: Aluminium.
Colour	: Natural, Anodised.

Environmental Specifications

Operating Temperature	: -25°C to +60°C (-13°F to +140°F).
Storage Temperature	: -40°C to +80°C (-40°F to +176°F).
Humidity Range	: 0 to 95% relative humidity at +40°C (+104°F) non-condensing.

Approvals

CE Approval	: Pending.
FCC Approval	: Pending.
Dust & Splash Resistance	: The ImproX RRM is designed to work in an indoor environment similar to IP42. The ImproX RRM is, therefore, not sealed against water.
Drop Endurance	: 2 m (7 ft) drop (in packaging).

User Interfaces

Buzzer

Tone	: Four volume, single tone (Software may support single tone only).
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Registration Reader

Status LED	: Bi-coloured Red or Green.
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Related Information

For extra information relating to this product refer to the:

- ImproX RRM Hardware Installation Manual (XRM300-0-0-GB-XX).

Ordering Information

Order the ImproX (RRM) Registration Remote Reader using the following Part Numbers:

- XRM901-4-0-GB-XX.

Warranty Details

This product conforms to our Warranty details on www.impro.net.



Figure 1: ImproX RRM System Overview

This Product Specification Catalogue applies to the ImproX (RRM) Registration Remote Reader, XRM901-4-0-GB-03.
 (The last two digits of the Impro stock code point to the issue status of the document or product).

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