



Scan the QR code or link to the address below to find a list of datasheets to all products and other support information.

<https://www.tm-readers.com/downloads.htm>



Overview

The RXU advanced access control reader is a free standing desktop unit, that can be used as an access card enrolment reader. If required, the base unit may be screw-fixed to the desktop, or suitable plain surface.

The reader supports a wide variety of output formats, and connects to a PC via a USB port.

This unit is configured using Third Millennium's *RXU Configuration Editor* and operates using *XData*. This is a system application that runs in the background of a WINDOWS® based operating system.



Mechanical

Dimensions	96 x 52 x 32 mm (3.8 x 2.0 x 1.3 inches)
Housing	Moulded polycarbonate
Mounting	Suitable plain surface
Fixing	4mm., max' diameter



Environmental

Operating temp'	-35°C to +66°C
Humidity	85±5% at 30±2°C (86±3°F)
Ingress	Suitable for INDOOR USE only



Electrical

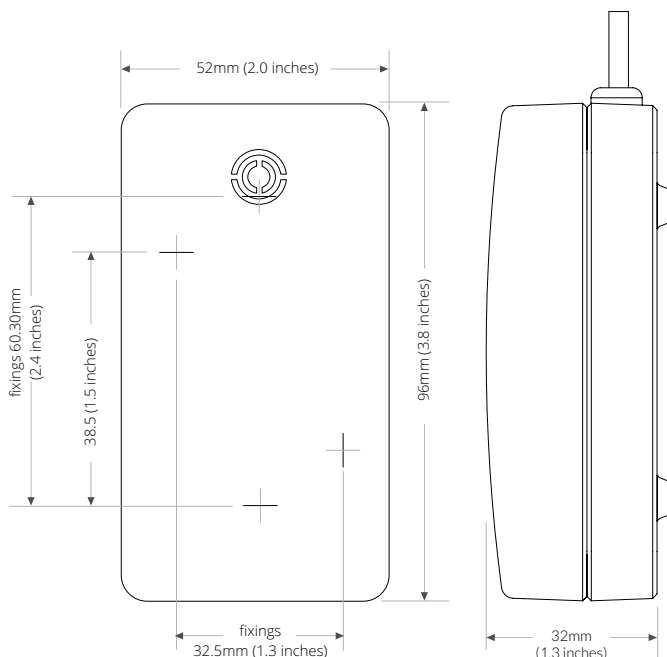
Voltage	see table below
Current	see table below
Data Voltage	Rest >4Vdc / Active <1Vdc
Data output	see table below
Indication	1 RGB LED
Sounder	Integral speaker
Termination	USB - cable length - 1.8m (6 feet approx')



Reader Models are sold as customer-specific configurations.

Please call +44 (0) 1495 751 992 to discuss your custom configuration or LEGIC® reader requirements.

READER MODEL	Frequency	Current mA	Voltage Vdc	Technology
RXU00	125kHz	25	5	125kHz EM variants
RXU80PLUS	13.56 MHz 125 kHz	25	5	MIFARE® Sector + 125kHz
RXU60	13.56 MHz 125 kHz	25	5	LEGIC® + 125kHz
RXU90	13.56 MHz 125 kHz	25	5	MIFARE®/DESFire® + 125kHz



The **RXU** reader offers a choice of technologies, and a range of security levels from 125kHz through MIFARE®Sector encryption multiple technology access control ... all the way up to a **high-end** security level option using the **RXU90** reader model.

The **RXU90** boasts multiple technologies embedded in its hardware and firmware, providing a 13.56MHz MIFARE®DESFire® platform, having state-of-the-art security and privacy. The reader also employs LEGIC® 13.56MHz contactless smart technology, with its tightly integrated LEGIC RF Standard. In addition, the reader can also be used for other widely used 125kHz technologies such as:

- KANTECH
- FARPOINTE
- AWID
- CASI
- EM variants

- This unit requires special configuration, please contact us for details.

Key features

- Desktop enrolment reader
- Connects to standard USB port
- UK design and manufacture
- Slim profile
- RGB LED
- Fully encapsulated electronics
- Range of output formats
- Read range up to 10cm (4 inches)
- 5 year limited warranty



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