



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 RX4 reader has a sleek, mullion styled design, which will fit unobtrusively in any architectural or office environment. This powerfully secure reader supports a wide variety of output formats, allowing it to be used in most access control systems.

The combination of an integral speaker, RGB LED and audible buzzer provides a flexible platform to give the right user interface configuration for your project.



Mechanical

Dimensions 96 x 52 x 21 mm (3.8 x 2.0 x 0.8 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 IP67
Impact IK10
Flammability UL94V-0



Electrical

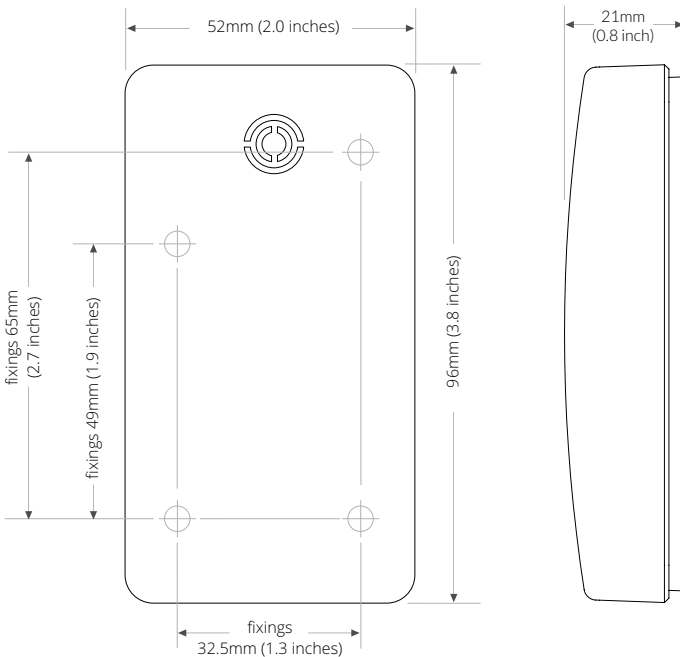
Voltage see table below
Current see table below
Data Voltage Rest >4Vdc / Active <1Vdc
Data output see table below
Indication 1 RGB LED
Sounder Integral speaker
Termination screw terminal connection block

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	Optical tamper	Wiegand Clock & Data	OSDP	FCC	UL294
RX400	125 kHz	115	5 - 12	125kHz EM variants		•			
RX480PLUS	13.56 MHz 125 kHz	200	5 - 12	MIFARE® Sector + 125kHz		•		•	•
RX490B	13.56 MHz 125 kHz 2.4 GHz	75	10 - 16	MIFARE®DESFire® LEGIC® + 125kHz Bluetooth® ready	•	•	•	•	•

*certifications not available to all reader models.



The **RX4** reader offers a choice of technologies, and a range of security levels from 125kHz through MIFARE®Sector and LEGIC® encryption multiple technology access control ... all the way up to a **high-end** security level option using the **RX490B** reader model.

The **RX490B** 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 employs LEGIC® 13.56MHz contactless smart technology, with its tightly integrated LEGIC RF Standard. In addition, the reader can also be used for 125kHz access control systems, including other widely used 125kHz technologies such as:

- KANTECH
- FARPOINTE
- AWID
- CASI
- EM variants

Key features

- Multi-technology
- UK design and manufacture
- Black high gloss finish
- Slim profile
- RGB LED
- Fully encapsulated electronics
- Optical tamper switch (see table above)
- Wide range of output formats
- Read range up to 10cm (4 inches)
- 5 year limited warranty
- Wall spacer (optional extra)
- Back box (optional extra)

