



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 RX5 is a Third Millennium styled Panel Mount reader. The unit is a multi-technology reader suitable to interface with all standard access control systems, and may be used in speed gates and turnstiles, or other third party enclosures.

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.

Reader Models are sold as customer-specific configurations.

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



**Mechanical**

Dimensions 106 x 68 x 23 mm (4.2 x 2.7 x 0.9 inches)  
Housing Moulded polycarbonate  
Mounting Suitable for flush mounting  
Fixing 4 point locations (4mm max' dia') / customer discretion



**Environmental**

Operating temp' -35°C to +66°C  
Humidity 85±5% at 30±2°C (86±3°F)  
Ingress IP67 (when mounted in suitable sealed enclosure)



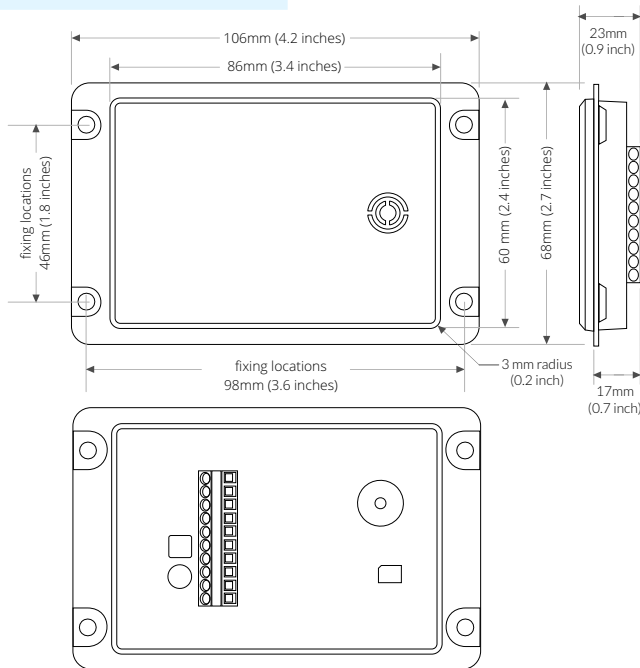
**Electrical**

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 MODEL	Frequency	Current mA	Voltage Vdc	Technology	Wiegand Clock & Data	Bluetooth®	FCC	OSDP
<b>RX560</b>	13.56 MHz 125 kHz 2.4 GHz ○	75	10 - 16	LEGIC® + ECP 2.0 + 125kHz	●	○	●	○
<b>RX590</b>	13.56 MHz 125 kHz 2.4 GHz ○	75	10 - 16	MIFARE®/DESFire® + ECP 2.0 + 125kHz	●	○	●	○

○ - optional



The RX5 boasts multiple technologies embedded in its hardware and firmware, including an Apple Certified ECP 2.0 integration for Apple Access passes (in select variants).

Also included is a 13.56MHz MIFARE®/DESFire® platform, having state-of-the-art security and privacy along with the full complement of 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**

- Turnstile reader
- UK design and manufacture
- Flush mountable
- RGB LED
- Fully encapsulated electronics
- Range of output formats
- Read range up to 10cm (4 inches)
- 5 year limited warranty



All copyrights © and trademarks ® / ™ are acknowledged and remain the property of their respective owners.  
NOTE: certifications not available to all reader models.

The Bluetooth word, mark and logo are registered trademarks of Bluetooth SIG, Inc. 'MIFARE', 'MIFARE Classic' and 'MIFARE DESFire' are trademarks of NXP B.V.