



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

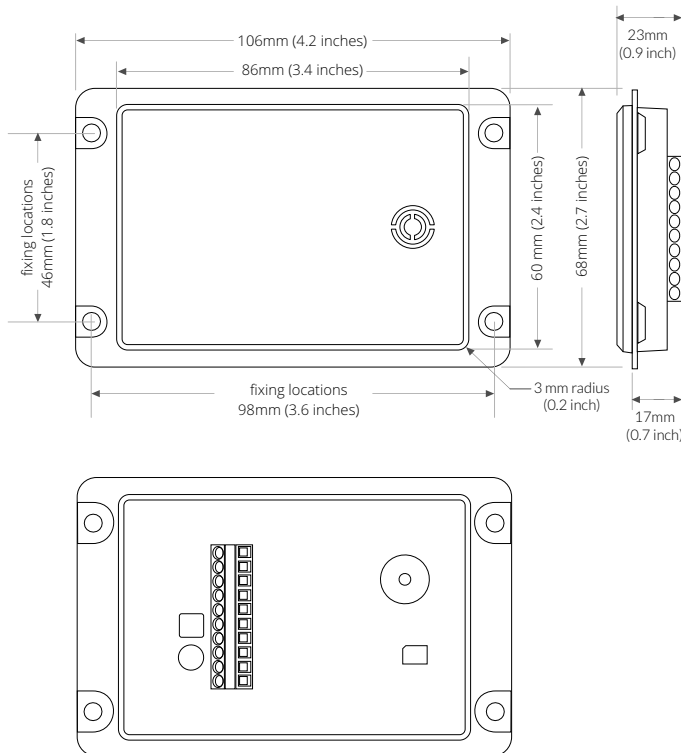
Operating temp'	-35°C to +66°C
Humidity	85±5% at 30±2°C (86±3°F)
Ingress	IP67 (when mounted in suitable sealed enclosure)



### 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

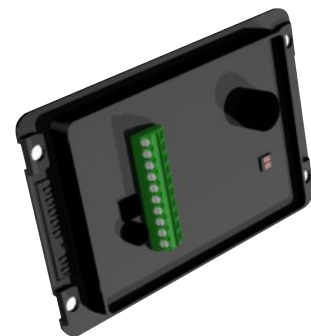
READER MODEL	Frequency	Current mA	Voltage Vdc	Technology	Wiegand Clock & Data	Bluetooth®	OSDP
<b>RX590</b>	13.56 MHz 125 kHz 2.4 GHz ○	75	10 - 16	MIFARE®DESFire® LEGIC® + ECP 2.0 + 125kHz	•	○	○
○ - optional							



The RX590 boasts multiple technologies embedded in its hardware and firmware, including an Apple Certified ECP 2.0 integration for Apple Access passes.

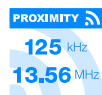
Also included is a 13.56MHz MIFARE®DESFire® platform, having state-of-the-art security and privacy along with the full complement of LEGIC® 13.56MHz contactless smart technology, with its tightly integrated LEGIC RF Standard. In addition, the reader can also be used for 125kHz access control systems, 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



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NOTE: certifications not available to all reader models.

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