



Scan the OR 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.

Reader Models are sold as customer-specific configurations.

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

B	Mechanical				
	Dimensions				
	Housing				
	Mounting				
	Fixing				
	Environmental				
	Operating temp'				

96 x 52 x 21 mm (3.8 x 2.0 x 0.8 inches) Moulded polycarbonate Suitable plain surface 4mm., max' diameter

-35°C to +66°C 85±5% at 30±2°C (86±3°F) IP67 IK10 UL94V-0

1/-14

Humidity

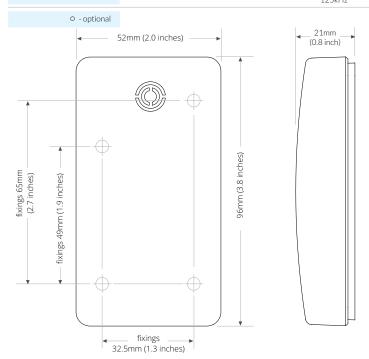
Ingress

Impact

Flammability

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	Optical tamper	Wiegand Clock & Data	Bluetooth®	OSDP	FCC	UL294
RX400	125 kHz	115	5 - 12	125kHz EM variants		•				
RX480PLUS	13.56 MHz 125 kHz	200	5 - 12	MIFARE® Sector + 125kHz		•			•	•
RX490	13.56 MHz 125 kHz 2.4 GHz o	75	10 - 16	MIFARE®DESFire® LEGIC® + ECP 2.0 + 125kHz	•	•	0	0	•	•



The RX490 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

- 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)

LEGIC AR PARTNER red Partner









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

SERIES® © Third Millennium Systems Ltd registered in England & Wales No. 3199053

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE 100-03062-RX4-F E&OE

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.

Third Millennium Systems Ltd. 18 / 19 Torfaen Business Centre Panteg Way New Inn PONTYPOOL NP40LS United Kingdom

tel: +44 (0) 1495 751 992 web: www.tm-readers.com contact: info@tm-readers.com