



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 RX6 advanced access fingerprint control reader is an elegantly designed unit, delivering the latest multispectral imaging technology.

The unit has a black high gloss finish, and can be fixed to a plain wall surface, or directly to a standard single gang US back box.

**TEMPLATE-ON-A-CARD** - This powerfully secure and innovative reader allows you to record, encrypt and digitally embed your fingerprint direct to your RFID access card. The RX6 does not need a central core database of fingerprint records, and may operate as a stand-alone unit (subject to control panel access authorisation).

Fingerprint enrolment for a 'user' requires a system 'administrator' authorisation.



### Mechanical

Dimensions	149 x 63 x 70 mm (5.9 x 2.5 x 2.8 inches)
Housing	Moulded polycarbonate / stainless steel
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	IP54
Flammability	UL94V-0



### Electrical

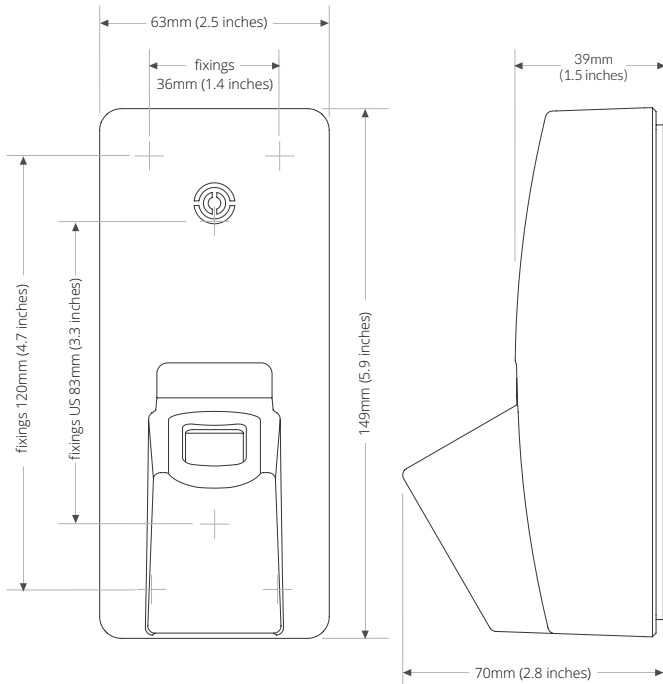
Voltage	see table below
Current	see table below
Data Voltage	Rest >4Vdc / Active <1Vdc
Data output	see table below
Indication	1 RGB LED + BIOMETRIC finger plate
Sounder	Integral speaker
Termination	screw terminal connection block



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	Wiegand Clock & Data	FCC	UL294
RX660	13.56MHz	450	8 - 12	LEGIC®	•	•	•
RX690	13.56MHz	450	8 - 12	MIFARE®/DESFire®	•	•	•



### Key features

- Multiple-technology
- UK design and manufacture
- Black high gloss finish
- Clean design
- RGB LED
- Multispectral imaging BIO sensor finger plate
- TEMPLATE-ON-A-CARD
- Read range up to 10cm (4 inches)
- 1 year limited warranty



how to enrol an  
**ADMINISTRATOR's**  
fingerprint

[https://www.tm-readers.com/index\\_htm\\_files/ADMIN-enrol.mp4](https://www.tm-readers.com/index_htm_files/ADMIN-enrol.mp4)



how to enrol a  
**USER's**  
fingerprint

[https://www.tm-readers.com/index\\_htm\\_files/USER-enrol.mp4](https://www.tm-readers.com/index_htm_files/USER-enrol.mp4)



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