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<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 |

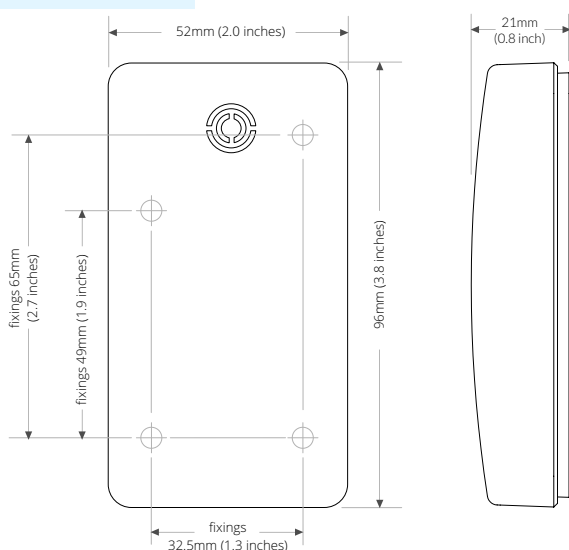


Reader Models are sold as customer-specific configurations.

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 | Bluetooth® | OSDP | FCC | UL294 |
|--------------|-----------------------------------|------------|-------------|------------------------------------------------|----------------|----------------------|------------|------|-----|-------|
| RX400        | 125 kHz                           | 115        | 5 - 12      | 125kHz<br>EM variants                          |                | •                    |            |      |     |       |
| RX480PLUS    | 13.56 MHz<br>125 kHz              | 200        | 5 - 12      | MIFARE® Sector<br>+<br>125kHz                  |                | •                    |            |      |     |       |
| RX460        | 13.56 MHz<br>125 kHz<br>2.4 GHz ○ | 75         | 10 - 16     | LEGIC®<br>+<br>ECP 2.0<br>+<br>125kHz          | •              | •                    | ○          | ○    | •   | •     |
| RX490        | 13.56 MHz<br>125 kHz<br>2.4 GHz ○ | 75         | 10 - 16     | MIFARE®DESFire®<br>+<br>ECP 2.0<br>+<br>125kHz | •              | •                    | ○          | ○    | •   | •     |

○ - optional



The RX4 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

- 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)



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NOTE: certifications not available to all reader models.

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