

## High-Security Readers

ProdataKey's Red™ Readers are in a class of their own, with OSDP secure connectivity, high (13.56MHz) and low-frequency (125 kHz) communication, and mobile-ready options. Red Readers are now one of the most secure and versatile readers on the market today, handling every application, from your daily install to the most secure implementation.



| Features   | Mullion  | Keypad   | Single Gang                                    |
|--|--|--|--|
| <b>RF Technologies</b><br>High-Security(13.56 MHz)<br>High-Security + Prox<br>High-Security + Mobile<br>High-Sec + Prox + Mobile | <b>Part Number</b><br>RM<br>RMP<br>RMB<br>RMPB | <b>Part Number</b><br>RK<br>RKP<br>RKB<br>RKPB | <b>Part Number</b><br>RG<br>RGP<br>RGB<br>RGPB |
| <b>Read Range</b>  | 125 kHz up to 4"                               |  |  |
| <b>Output</b>  | OSDP and Wiegand protocol                      |  |  |
| <b>Encryption</b>  | MIFARE® DESFire® EV2                           |  |  |
| <b>Cable Distance</b>  | OSDP - 1000' or Wiegand - 500' (22AWG)         |  |  |
| <b>Temperature</b>   | -31° ~ +150° F or -35° ~ +66°C                 |  |  |
| <b>Humidity</b>  | 0 - 95% non-condensing                         |  |  |
| <b>Protection Rating</b>   | IP55   |  |  |
| <b>Power</b>   | 5 - 16V DC (Linear power supply recommended)   |  |  |
| <b>Average Amperage</b>  | 106 mA   | 143 mA   | 118 mA   |
| <b>Max Amperage</b>  | 144 mA   | 193 mA   | 169 mA   |
| <b>Dimensions</b>  | 1.7" x 5.1" x 0.71"                            | 3.25" x 5.1" x 0.71"                           |  |
| <b>Weight</b>  | 7 oz   | 11.3 oz  | 10 oz  |

### Certifications

FCC, IC, CE, UL 294, EN 302291, EN 301489, EN 300330, EN 50130-4, IP55, BIS IS 13252

### Manufacturer's Limited Warranty

One to five-year warranty against defects in materials and workmanship. For full details, visit [www.prodatakey.com/warranty](http://www.prodatakey.com/warranty)

Visit [www.prodatakey.com](http://www.prodatakey.com) or [www.prodatakey.zendesk.com](http://www.prodatakey.zendesk.com) to access marketing, installation, and support resources. For questions about PDK Red Readers, please contact [support@prodatakey.com](mailto:support@prodatakey.com).