



RX-100 Series Readers

The RX-100 Series readers from Controlsoft are attractive Proximity Readers, designed for both indoor and outdoor applications. An optional integral keypad is available (“K” variants) where Two Factor Authentication is required. Variants are available for Prox (RX-100, RX1K00), MIFARE/DESFire (RX-180, RX1K80) and combined (RX-180+, RX1K80+). The readers connect to an Access Control Unit via an industry standard Wiegand connection, and have an attractive gloss finish to match any decor.

Features and Benefits

- Prox only or PIN or Prox for Two Factor Authentication
- Proximity Technology (Contactless)
- Electronics Potted for Environmental Protection
- Tri-colour LED and buzzer for user feedback
- Attractive Housing
- Dimensions: 87mm x 87mm x 21mm

Technical / Electrical

- Housing rated to IP65
- Wiegand (Proximity): 26 bit format
- Wiegand (MIFARE/DESFire): 34 bit format
- Frequency: 125Khz (Prox) or 13.56MHz (MIFARE/DESFire)
- Wiegand Interface
- Fits on Standard Single Gang Electrical Backbox
- +5Vdc to +16Vdc (250mA @ 12Vdc)
- Read Range: Up to 100mm
- Operating temperature: -20 °C to +60 °C
- Operating humidity: Up to 100% non-condensing
- 5 Year Warranty