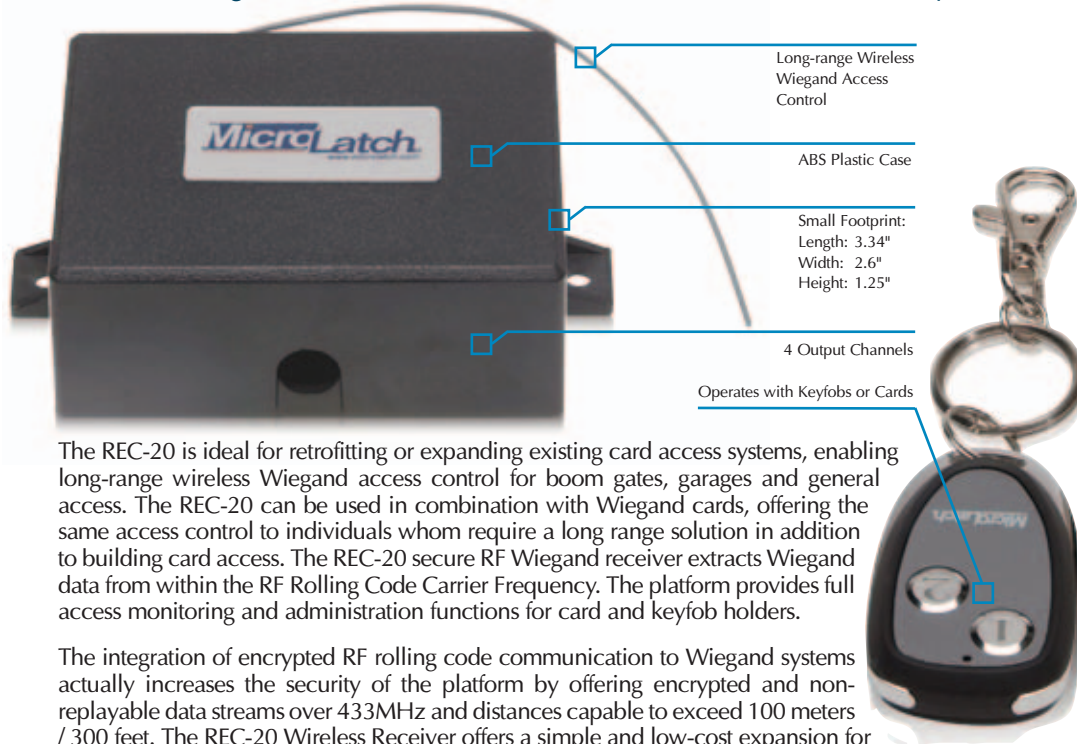


REC-20 with 2-Button Keyfob

Wireless Wiegand RF Receiver with Remote Access Control via Keyfob or Cards

ACCESS CONTROL



The REC-20 is ideal for retrofitting or expanding existing card access systems, enabling long-range wireless Wiegand access control for boom gates, garages and general access. The REC-20 can be used in combination with Wiegand cards, offering the same access control to individuals who require a long range solution in addition to building card access. The REC-20 secure RF Wiegand receiver extracts Wiegand data from within the RF Rolling Code Carrier Frequency. The platform provides full access monitoring and administration functions for card and keyfob holders.

The integration of encrypted RF rolling code communication to Wiegand systems actually increases the security of the platform by offering encrypted and non-replayable data streams over 433MHz and distances capable to exceed 100 meters / 300 feet. The REC-20 Wireless Receiver offers a simple and low-cost expansion for any existing access control system, incorporating industry standard Wiegand protocol.

The receiver can be added to any existing Wiegand controller platform and installed in parallel with any standard card reader at 26 bit communication. This solution offers immediate integration with no-customer down-time. Additionally, a system can be installed at affiliated offices or at home, utilizing the same keyfobs for operation of a range of controllers, door alarm panels, PC logon, garage and gate entry systems, instead of expensive upgrades or diverse systems requiring the carriage of several keyfobs or access cards.

Features

- Long Range Wireless Access Control
- Standard Wiegand Protocol
- Encrypted, Non-replayable Data at 433MHz
- Receiver Operates with Cards or Keyfobs
- Low-cost Expansion/Retrofitting to Existing Systems
- Can be Added to Any Existing Wiegand Platform in Parallel with Standard 26-bit Card Readers
- Access Monitoring and Administration Functions for Card and Keyfob Holders
- "No Customer Down-time" Installation
- 2-Button Keyfob

Compatibility

- Works in conjunction with all PCSC MicroLPM Series, IQ Series, SIM Series, ULT Series and FT Series

Specifications

Operating Voltage:	9-25VDC regulated 300m (a minimum battery backed supply recommended)
Power ON Indicator:	On Keeloq™ Reception = Red LED On Wiegand Transmission = Green LED
Output Channels:	4
Output Options:	INT: Shunt selectable REMOVED: 10K pull-ups to 5 volt DC EXT: Open collector +5 volt out terminal active for user selectable external pull-ups
Current Consumption:	@12VDC - 10mA maximum
Communication Protocol:	26-Bit Wiegand Platform
Operating Frequency:	433.92MHz SAW Resonator Locked (+/- 74KHz)
Transmission Modulation:	AM ASK Superheterodyne
Transmission Security:	Keeloq™ Code Hopping Technology
RF Range:	30m / 90 ft Min. (Environment dependant)
Operating temperature range:	-10° C to 50° C
Physical Dimensions:	85mm (L) x 65mm (W) x 32mm (H)
Case Material:	ABS Plastic
Certifications:	C-Tick, CE, FCC Approval

All product features and specifications are correct at the time of publication, and are subject to change without notice.

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BIOFOB™

Utilizing a fingerprint as a key, the optional Biofob is completely Wiegand compatible for ultra security. Authorize up to 3 individuals (3 fingerprints) per Biofob, for access up to four different secure areas. For use with the REC-20 receiver.

- 4 Channels (1 Channel per Button Per Access Area)
- Up to 3 Fingerprints (3 users)
- Wiegand Compatible
- Uses 2 (CR2032) rCharge able Lithium Cells
- 64.4mm (L) x 40.7mm (W) x 13.9mm (H)



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