KEYPADS & READERS



5355R

125kHz WIEGAND PROXIMITY READER & KEYPAD COMBO

Energy
+5–16VDC, 70–110mA

Warranty
Limited Lifetime Warranty

Frequency & Range
125kHz, Up To 5" (127mm)

Interface
26-Bit, Wiegand Output
HID® & AWID® Supported

Frames
For Single-Gang Wall-Box Mounts Or Flat Surfaces

LED
Tri-Color LED Indication

Environmental
Rugged, Weather-Resistant Design

Access Control
Listed To UL294

Ideal for dual authentication or simple access via PIN or credential applications.

5355R 125kHz WIEGAND PROXIMITY READER & KEYPAD COMBO



Dimensions
3"W x 4-5/8"H x 3/4"D
(76mm x 117mm x 19mm)

The 5355R proximity reader sets the electronic security benchmark for 125kHz proximity readers, cards and fobs. Using proven contactless digital radio frequency identification (RFID) technology, RCI readers interface with a wide range of electronic access control systems by complying with the Wiegand communication protocol.

Features
- Compact design ideal for metal or plastic single-gang wall-box mounts
- Includes both a black and beige snap-on cover
- Electronics are sealed in tamper- and weather-resistant epoxy potting

Accessories
CARDS & FOBS
- 1326R – Proximity Card (Clamshell)
- 1386R – Proximity Card (Printable)
- 1314R – Proximity Card (Thick Printable)
- 1346R – Proximity Fob

Note: Standard RCI protocol, see other protocols below

CONTROLLER
- UNO – Single-Door Standalone Controller

Applications
- Doors
- Parking Barriers
- Turnstiles
- Gates

Certifications & Testing
- FCC
- ICC
- CE
- ETL

Reader Specifications	
Technology	Proximity
Frequency	125kHz
Weight	4oz (113g)
IP Code[1]	IP67
Voltage	+5–16VDC
Current Draw	70mA typical, 110mA peak @ 12VDC
Read Range[2]	Up to 5" (127mm)
Cabling[3]	24 AWG minimum, multi-conductor stranded with an overall foil shield
Interface	Wiegand
Operating Temperature	-40°F to 149°F (-40°C to +65°C))
Audio Tone	Beeper included
LED	Tri-color (red, green & amber)
Keypad Output[4]	Wiegand

Cards & Fobs



Cards & Fobs Specifications	
Operation	Passive (No battery)
Format	26-bit
Protocols	Item code suffix: R – Standard RCI proximity protocols R-H – Certain HID® proximity protocols R-A – Certain AWID® proximity protocols
Read Range	1326R – Proximity Card (Clamshell) – Up to 5" (127mm) 1386R – Proximity Card (Printable) – Up to 3-1/2" (89mm) 1314R – Proximity Card (Thick Printable) – Up to 4-1/2" (114mm) 1346R – Proximity Fob – Up to 3" (76mm)
Options[5]	Custom facility codes, formats and printing available
Packaging	Sold in packs of 10, 25 and 50

NOTES:
1. Self evaluated.
2. Using 1326R Proximity Card (Clamshell) with 12VDC at the reader.
3. For example Belden 9535 or similar.
4. Ships with a program card for Wiegand output. Available only on 5355R models; 8-bit Burst or 26-bit Wiegand standard, for 4-bit Burst and other options please contact RCI
5. Contact RCI to learn how you can customize your cards and fobs. RCI is not responsible for facility code management.

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