



# 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)

### Cards & Fobs



#### 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.

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 <sup>1</sup>	IP67
Voltage	+5–16VDC
Current Draw	70mA typical, 110mA peak @ 12VDC
Read Range <sup>2</sup>	Up to 5" (127mm)
Cabling <sup>3</sup>	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 <sup>4</sup>	Wiegand

### Cards & Fobs Specifications

Operation	Passive (No battery)
Format	26-bit
Protocols	Item code suffix: R – Standard RCI proximity protocols R-H – Certain HID <sup>®</sup> proximity protocols R-A – Certain AWID <sup>®</sup> 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 <sup>5</sup>	Custom facility codes, formats and printing available
Packaging	Sold in packs of 10, 25 and 50

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