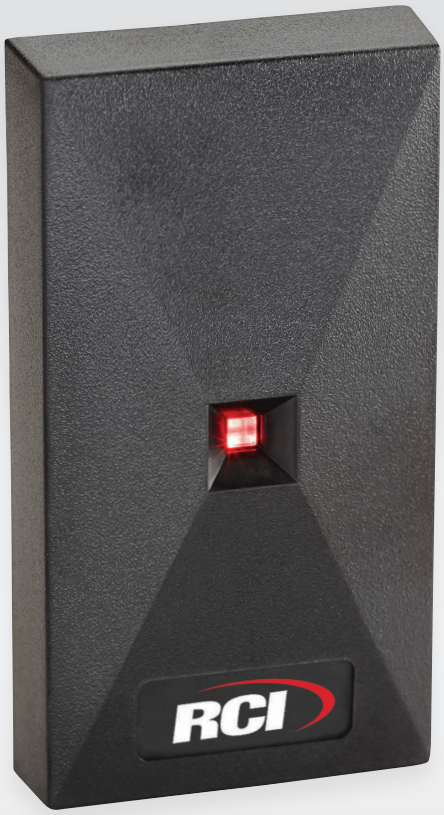
KEYPADS & READERS



6005R

125kHz WIEGAND MULLION PROXIMITY READER

Energy
+5–16VDC, 30–75mA

Warranty
Limited Lifetime Warranty

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

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

Frames
For Mullion Mounts Or Flat Surfaces

LED
Tri-Color LED Indication

Environmental
Rugged, Weather-Resistant Design

Access Control
Listed To UL294

Slim design ideal for areas with minimal surface space to mount.

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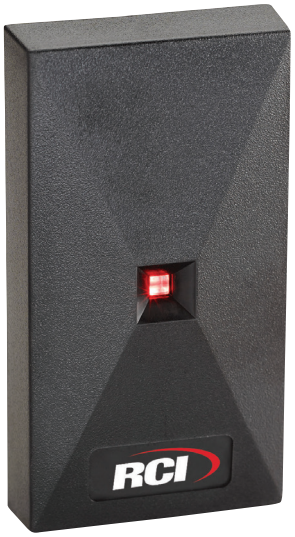

Dimensions
1-11/16"W x 3-3/16"H x 11/16"D
(43mm x 80mm x 17mm)

The 6005R 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
- Mullion mount design for metal and plastic door and window frames, as well as flat surfaces
- 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	3oz (85g)
IP Code[1]	IP67
Voltage	+5 – 16VDC
Current Draw	30mA typical, 75mA 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)

Cards & Fobs



Cards & Fobs Specifications	
Operation	Passive (No battery)
Format	26-bit Standard
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 4" (102mm) 1314R – Proximity Card (Thick Printable) – Up to 4" (102mm) 1346R – Proximity Fob – Up to 2-1/2" (64mm)
Options[4]	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. Contact RCI to learn how you can customize your cards and fobs. RCI is not responsible for facility code management.

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