

iClass R40 Contactless Smart Card Reader
G6120
(Read Only - US/EU/Asian Back Box Size)



FEATURES:

- **Security** - 64-bit authentication keys are extremely secure. Readers and cards require matching keys to function. All RF data transmission between the card and reader is encrypted using a secure algorithm. The key management system reduces the risk of compromised data or duplicated cards.
- **Programming/Configuration** - Key management is made easy. All cards are shipped with unique diversified keys and readers are shipped with compatible keys. All keys are derived from the HID Standard transport key. While cards and readers with standard keys are interchangeable, the keys are highly secure and cards can be made unique.
- **Easily Interfaced** - Wiegand output easily interfaces with Geoffrey access controllers.
- **Audiovisual Indication** - Audio transducer provides various tone sequences to signify access granted, access denied, power up and diagnostics. Visually impaired cardholders can easily distinguish between access granted and access denied. Hi-intensity light bar provides a clear visual status indication in red, green or amber even in bright sunlight.
- **Mounting** - A three part reader makes installation easier. Mounting plate attaches to mullion, door frame, US single gang J-box or any flat surface.
- **Indoor/Outdoor Design** - Rugged, weatherized polycarbonate enclosure designed to withstand harsh environments, provides reliable performance and resistance to vandalism.

SPECIFICATIONS

- **Typical maximum read range:**
 - 2.5-4.5" (6.3-11.4.6cm) with HID iClass Card
 - 1" (2.5cm) with HID iClass Key or Tag
 - 1-1.5" (2.5-3.8cm) with HID iClass Prox
 - 1-2" (2.5-5.0cm) with MIFARE Card
- **Dimensions:** 3.30" x 4.80" x .85" (8.38cm x 12.19cm x 2.16cm)
- **Material:** Polycarbonate UL 94
- **Power supply:** 10-16 VDC reverse voltage protected, linear supply recommended
- **Current requirements (Avg/Peak):** 80/260 mA @ 12VDC
- **Operating temperatures:** -31° to 150° F (-35° to 65° C)
- **Operating humidity:** 5-95% relative humidity non-condensing
- **Weight:** 4oz (113.4gm)
- **Transmit Frequency:** 13.56 MHz
- **Certifications:** UL 294/cUL, FCC certification, Canada Certification DE Mark (Europe), New Zealand, Australia c-Tick
- **Cable distance:** Wiegand interface: 500 ft. (150M) Recommended cable ALPHA 1295 (22 AWG) 5-conductor stranded with overall shield or equivalent. Additional conductors may be required for LED or beeper control.



2 Cranberry Road
P.O. Box 5907
Parsippany, NJ 07054
Tel: 973.299.1300
Toll Free: 800.604.3633
Fax: 973.299.9799
E-mail: sales@geoffreyaccess.com
Web: www.geoffreyaccess.com