

## PRODUCT SPECIFICATIONS

P/N900W0080

GuardDog II

### Card and Card Formats

Reads GSC-IS compliant containers, PIV & PIV I, TWIC, CAC cards and any data model based ISO 14443A/B.

### Operation

**Multi-mode operation:** easily programmed to dynamically recognize multiple card formats for legacy, local and government requirements.

### Mechanical

**Width:** 6.67 cm (2.63 in)

**Height:** 11.11 cm (4.38 in)

**Depth:** 4.45 cm (1.75 in)

**Weight:** Less than .45 kg (1.00 lb)

### Environmental

**Operating temperature:** -20°C to 70°C (-4°F to 158°F)

**Humidity:** 5% to 100% (condensing)

**Operating altitude:** 0 to 3048 m (0 to 10,000 ft)

**Radio frequency:** 13.56 MHz (contactless model only)

**Tamper resistant:** Two mounting points with one generic bracket

**Power:** 8–16 VDC, 250 mA

### Digital Interface Signals

Selectable RS-232 (default) or RS-485

**RS-232:** 38400/57600/115,200 baud, complies with EIA/TIA-232E, V.28 specification, recommended maximum cable length is 15 m (about 50 ft).

**RS-485:** 38400 baud, maximum of 32 devices on each RS-485 network, recommended maximum cable length is 1220 m (about 4000 ft).

**Wiegand serial data output (wall-mount only):** Software configurable to 256-bits, 50 mA maximum output current drive (output low). See SIA standard, *Access Control Standard Protocol for the 26-Bit Wiegand Reader Interface*, for cable lengths.

### User Transaction Memory

The number of records that a queue holds depends on record size. The main User queue typically holds at least 8,000 transaction records.

### Standards

FCC Title 47 CFR, Part 15 Class B

CE – EMC 93/68/EEC, 91/32/EEC, and 93/68/EEC

Low-Voltage Directive 73/23/EEC and 93/68/EEC

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