Wireless Portable Reader

The perfect solution for:

- Muster
- Guard Tour
- Bus Load Registration
- Temporary Check Points

*The cost of Guard Tour becomes the cost of cards around the building, not the cost of readers around the building.*

WPR Features

- Wireless communications with Panel Interface Module
- 900 MHz Spread Spectrum RF technology
- Battery-Operated
- Encoded Spread Spectrum transmissions
- Wiegand or Magnetic Stripe interface protocol
- Flash Memory
- Available with existing card technologies: Magnetic Stripe, Wiegand, and PROX by HID or Indala*, Biometric Fingerprint**

WPR Benefits

- Set up checkpoints instantaneously
- Long range with ultra-reliable communications
- Handheld, portable
- Virtually impossible to be compromised
- Compatible with ALL existing access control panels
- Easy to upgrade to latest software
- Seamless integration to existing systems

*Indala PROX and Biometric Fingerprint are Special Order
**Battery life is shortened
WPR

ADDITIONAL FEATURES

**Ultra-Reliable Communications**
900 MHz band, with 15 channels to choose from, up to 225 MW of power, Modulo 256 error detection on every transmission and redundant transmissions.

**Online Communications (Heartbeat)**
Regular communications between the WPR and Panel Interface Module (PIM) monitor transmission presence and integrity. Online communications enable the PIM to download information or instructions to the WPR. The period between heartbeat transmissions is configurable from 15 seconds to hours in 15-second increments.

**Auto Addressing / Linking**
WPRs are linked to PIMs after having put the PIM into Link Mode. WPR and PIM stay linked during the time the WPR is off.

**Assured Communications**
Linking is done at half to two-thirds the normal PIM and WPR transmission power to assure that there will be reliable communications during normal operation. Additionally, a Packet-Error-Rate test is performed during linking, assuring greater than 99.0% of all messages get through.

**Long Range**
Up to 200 feet normal building construction, horizontal. 1000 feet line of sight.

**Encoded Transmissions**
Each transmission is coded to provide virtually uncompromisable security.

**Visual Indicators**
Intuitive green and red LEDs signal card read, card not read, access granted, access denied, initial linking to control panel and firmware version.

**Audible Indicator**
A beeper annunciates 7 different conditions: link successful, link unsuccessful, card swiped and read, card swiped and not read, no communications, access denied, access granted.

**Reader Technologies Supported**
Magnetic Stripe
Wiegand
PROX by HID or Indala (Indala PROX is special order)
Biometric Fingerprint (special order)

**Configurable Items from PIM**
Heartbeat communication periods
Card format conversion
Extended unlock
Polarity of signals

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SPECIFICATIONS

**Certifications**
FCC Part 15 certified, RSS-210 of Industry Canada Canada approved

**Supply Voltage**
8-AA Battery Pack

**Battery Life**
2 years at 40,000 card swipes per year with a 5-minute heartbeat interval; 4 years at 10,000 swipes per year with a 10-minute hearbeat interval. (Battery Life is shorter for Biometric readers)

**Frequency Range**
902 to 928 MHz license-free band in U.S. and Canada 15 discrete channels to select among

**Transmission Type**
Encoded Direct Sequence Spread Spectrum

**Data Rate**
62.5 Kbps max, half duplex

**Verification Time**
Less than 0.10 second (not including panel delays)

**Material**
Case - NEMA 1, 4, 4X Rated, outdoors
Handle - Metal, plated

**Operating Temperature**
-35°C to +66°C

**Operating Humidity**
20% RH to 95% RH (non-condensing)

**Weight**
2 lbs (.91 Kgs)

**Dimensions - Overall**
7” H x 6.7” W x 2.9” D - Prox or Magstripe
7” H x 6.7” W x 3.2” D - Wiegand

**Warranty**
1 year parts and labor. See warranty for details.

ORDER INFORMATION

**WPR-MS**
Wireless Portable Reader with Magstripe reader

**WPR-W**
Wireless Portable Reader with Wiegand reader

**WPR-PROX-H**
Wireless Portable Reader with HID PROX reader

**WPR-BIO (special order)**
Wireless Portable Reader with Biometric Fingerprint reader

**WPR-PROX-I (special order)**
Wireless Portable Reader with Indala PROX reader

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Specifications subject to change without notice.