

EntryGate™ Stand-Alone Checkpoint Controller

Contactless, Contact or Dual Interface with PIN

Delivers checkpoint control within secured perimeters.

Numerous low-security, high-traffic areas within a larger secured area require access checkpoints:

- Parking gates
- Ports, docks and flightlines
- Dedicated training rooms
- Cafeterias and fitness facilities
- 1st Responder access
- Motor and equipment control

Without requiring advanced registration, EntryGate grants access based on verifying critical security objects on PIV and CAC cards, including the PIN and the private key on the personal certificate (PAK).

EntryGate™



EntryGate™
Reader / Controller

Features:

- Set to 1-Factor Card only or 2-Factor PIN to Card to verify cardholder.
- Off-line local validation of PAK certificate by challenge-response and signature verification adds confidence to card authenticity.
- Supports pre-programming of 4-digit Agency Code designators to limit access to specified Agencies.
- Simple Installation and operation with no network to connect or database to maintain
- Selectable 5V or 12V DC Relay Output.
- Fits 1 and 2-gang standard electrical boxes



Optional Security
and Weather Shield

APPLICATION NOTES:

1. EntryGate is not a managed access control system. It should only be installed where users with access to EntryGate have been vetted as trustworthy by the local security officer.
2. EntryGate can be configured to 1-Factor or 2-Factor with PIN. 1-Factor is not recommended because lost or stolen cards can then be used,



Back View with
Embedded Controller

Specifications

STANDARDS SUPPORTED

- ISO 7816-3 Contact Card-to-Reader Interface
- ISO 14443 Contactless Card-to-Reader Interface
- NIST 800-73 PIV Interfaces
- NIST 800-76 Biometric Data for PIV (where applicable)
- NIST 800-96 Cryptographic Algorithms
- NIST 800-116 (PACS Guidance)

CREDENTIAL SUPPORT

- CAC, PIV, PIV-I, TWIC, PKPACS, PACSID

LOGICAL & CARD READ PERFORMANCE

- T=0, T=1 Contact Smart Card Interface
- Type A and Type B Contactless Transmission Protocols
- Supports Collision Detection (Multiple Cards in Field)
- Contactless Read Range: 95%+ at 2.0 inches (5 cm)
- Maximum Read Range: less than 4 inches (10 cm)
- Transmission Bit Rates 106, 212 and 424 Kbits per sec.

READER INDICATORS AND CONFIGURATION

- Red, Yellow & Green LEDs (High Visibility)
- Audible Speaker
- USB-C Configuration Port – PIN Protection Included

CONTROLLER OUTPUT

- Selectable 5V or 12V DC Relay Output

PKI SUPPORT

- Readers support native RSA-1024, 2048, AES 128 & 256, 3DES, RSA-4096, RNG and Certificate Signature Validation
- Optional FIPS-140 crypto accelerator module reduces time by 30% (card dependent)

ELECTRICAL SIGNAL

- **Access System Input:**
Terminal Block or RJ-45 Connector
Input Power: 12 Volt DC

PHYSICAL

- High impact weather resistant polycarbonate with TFE
- Reader Dimensions: 6.50" high x 4.50" wide x 2.75" deep
- Smart Card Connector rated to 500,000 Insertions (includes Shutter to protect against rain and debris)

ENVIRONMENTAL

- Indoor or Outdoor.
- -25° F to + 125° F (-32° C to + 66° C)
- 95% relative humidity (non-condensing)

WARRANTY

- With Contact Interface: 15 Months from Date of Purchase
- Contactless Only: 36 Months from Date of Purchase

TECHNICAL SUPPORT

- 510-346-1510; 08:00 to 17:00 Pacific Time M-F
- On-line www.idfactors.com/install