

HIGH SECURITY
LEVEL 3

TrustPoint™

2-Factor Dual Interface Reader

& PKI Challenge-Response Authentication



FEATURES

- Indoor or Outdoor Operation
- Durable Polycarbonate Housing with Weatherized Storm™ Keypad
- Red, Green & Yellow LED's Indicate Status
- **Operates with all Federal PIV, CAC, TWIC, FRAC & PIV-I Credentials**
- SECURELY ENGINEERED & MANUFACTURED IN THE US A
- Mode Select Option Allows Selection of "Card Only (CAK)" or "Card + PIN" (PAK) Operation

NOTE:

In Card + PIN Mode the PIN is submitted to the PIV/CAC Card (per FIPS-201 Standard)
Contact Card Slot with Protective Shutter Resists Foreign Objects and Wind Driven Rain

Internal Crypto Module executes PKI Challenge-Response to Assure Credential Authenticity:

Contactless Mode: Issues Challenge to Card Auth Key (CAK). No PIN Required

Contact Mode: Issues Challenge to Personal Authentication Key (PAK). PIN Required

Total Transaction Time: <2 Sec.

Forward Compatible
Flash Reprogrammable
Technology

U.S. Patents:
5,679,945
6,223,984

TrustPoint Readers are designed to deliver security levels defined by NIST and OMB as "SOME PLUS" (Level 2), "HIGH" (Level 3) and "VERY HIGH" (Level 4). The security level depends on the Authentication Factors and the Public Key Infrastructure (PKI) mechanism that is implemented. The TrustPoint 2-Factor Dual Interface Reader supports the Personal Authentication Key (PAK) over the contact interface for all compliant Personal Identity Verification (PIV) Credentials including the PIV, TWIC, FRAC and PIV-I. The PIN is required to challenge the PAK, making this a 2-Factor authentication process.

The Reader also supports the Card Authentication Key (CAK) over the contactless interface. No PIN is required which makes this a 1-Factor authentication process (NOTE: the DoD CAC and the DHS issued PIV currently do not have a CAK and therefore do not support PKI on the contactless interface).

PHYSICAL ACCESS SOLUTIONS

SPECIFICATIONS

PART NUMBER

74-01-4003

STANDARDS SUPPORTED

- ISO 7816 Card-to-Reader Interface
- ISO 14443 Contactless Card-to-Reader Interface
- ISO/IEC 7816-3 Class A
- FIPS-201
- NIST 800-73 & 800-116
- GSC-IS 2.3E

US FEDERAL GOVERNMENT CREDENTIAL SUPPORT

- CAC, CAC Transitional, CAC End Point
- PIV, TWIC, FRAC, PIV-I

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 Proximity) for both Type A and Type B
- Contactless Read Range: 95+% at 2 inches (5 cm)
- Maximum Read Range: less than 4 inches (10 cm)
- Supports Accelerated Transmission Bit Rates 106, 212 and 424 Kbits per second
- Default FASC-N format as defined in NIST 800-116 (Agency Code, System Code, Credential Number, Issue Code and Series Issue)

PHYSICAL

- High impact weather resistant polycarbonate
- Dimensions: 6.67" high x 4.63" wide x 2.25" deep
- Smart Card Connector rated to 500,000 insertions

USER I/O

- Red, Yellow & Green LED's
- Audible Speaker

ENVIRONMENTAL

- Indoor or Outdoor.
- -25° F to + 150° F (-32° C to + 66° C)
- UL rain tested design
- 95% relative humidity (non-condensing)
- Weatherized shield recommended for outdoor installations

INSTALLATION

- Mounting Plate (included) with 4 screws appropriate for wall material.

SYSTEM INTEGRATION

- Cisco
- Quintron
- Honeywell/Northern Computer/Vindicator
- AMAG
- General Electric
- Lenel
- Software House
- Andover Controls
- Call Factory for Other Integrations

ELECTRICAL

- **Access System Input:**
Terminal Block or RJ-45 Connectors
Power: 12 Volt DC
- **Access System Outputs:**
48 bit to 200 bit Wiegand, RS 485, Mag Stripe.

CARD PROGRAMMABILITY/INITIALIZATION

- Readers operate on 5 Volts and do not generate higher voltage for reprogramming PIV credentials.

WARRANTY

- 12 Months from Date of Purchase

TECHNICAL SUPPORT

800-562-5875; 08:00 to 17:00 Pacific Time M-F

ABOUT BRIDGEPOINT

BridgePoint secures facilities operated by the Federal Government and providers of critical infrastructure with trusted physical access solutions that are compliant with Federal security standards and guidelines. BridgePoint is a recognized technology leader with highly innovative solutions and our strong authentication technology is unprecedented in the security industry. Customers include the DoD, a number of government agencies and many large integrators. BridgePoint was recently selected as one of only two providers to demonstrate its trusted PACS solution as a GSA sponsored Federated PACS Demonstration Project. BridgePoint was founded in 1995 and is located in the San Francisco Bay Area. Information on BridgePoint can be found on the web at www.bridgepointsystems.com.