

PRODUCT OVERVIEW

The Edgeline Technologies Personal Identity Verification (PIV) module is an all-in-one accessory that enables Intermec CN3 and CN4 series mobile computers to authenticate personnel via multiple methods. The PIV module incorporates a biometric fingerprint reader, a magnetic stripe reader, a contact smart card reader and a contactless smart card reader into a single snap-on solution.

Used with Intermec CN3 and CN4 series mobile computers, the PIV module provides maximum flexibility for applications that demand a multi-step authentication process for access to restricted areas or to highly confidential information. The solution can help federal agencies meet personnel identification requirements driven by Homeland Security directives, as well as assist state and local government with meeting similar needs in Mass Casualty Incident (MCI) and emergency response situations.

The PIV accessory is designed for quick and easy snap-on attachment to the host device. The CN3 and CN4 Single Dock or Multi Dock enables charging and communication with the mobile computer, via Ethernet and USB client, while the module is attached

EMERGENCY MANAGEMENT

The PIV solution can be used to authenticate First Responders within a restricted site and limit access to others, so that site control can be improved. The solution can also be used by EMT personnel to identify, record and treat those people affected by a disaster.

LAW ENFORCEMENT

Drivers license identification methods vary from state to state, from use of magnetic stripes to bar codes to smart cards. Fingerprinting is also becoming more commonly used when positive identification is needed. The PIV module provides law enforcement officers with fast and flexible access to the data they need from multiple sources.

MILITARY

Mobile computer users in the military can leverage the PIV module to log in to government systems with their electronic smart card (Common Access Card) or contactless smart card, as required by the Department of Defense. They can also use the solution to positively identify and/or authenticate individuals in critical situations. In addition, the PIV module can be used to identify and track military personnel deployed around the world, from the beginning of their travels, through multiple stops, to their destination.



CN3/CN4 PIV

PERSONAL IDENTITY VERIFICATION (PIV) MODULE

FEATURES

- 4-in-1 reader attachment: fingerprints, magnetic stripes, contact and contactless smart cards
- Equips mobile computer user to securely identify field personnel
- Ideal for security applications in military, emergency management and law enforcement.
- Supports multi-step authentication
- Fast and easy to install

PRODUCT SPECIFICATIONS:

ROHS & WEEE COMPLIANT

OS VERSIONS SUPPORTED

- Microsoft® Windows Mobile® 5.0
- Microsoft® Windows Mobile® 6.1

PHYSICAL

- Dimensions (mm): 48 H x 84.5 W x 134 D
- (1.89" H x 3.33" W x 5.26" D)
- Weight: 156 g (5.5 oz)

ENVIRONMENTAL

- Operating Temp: -10°-50° C (14°-122° F)
- Drop Spec: 4 ft (1.22m), 26x all faces, sides and corners
- Environmental Protection : IP54 compliant

DATA INPUT TECHNOLOGIES

Biometric Fingerprint Reader

- FIPS 201 & NIST 800-76 standards compliant
- FBI PIV-IQF compliant
- 0.55 x 0.87 in (14 x 22 mm) optical sensor
- 500 DPI, 8 bits per pixel

Magnetic Stripe Card Reader

- ISO 7810 & 7811 standards compliant
- Formats supported: ISO 7811 and AAMVA
- Card Thickness Supported: 0.76mm ± 0.08mm

Contact Smart Card Reader

- ISO 7816 & 7810, GSC-1S & EMV Level 1 standards compliant
- Formats supported: Asynchronous (T=0 & T=1 protocols) and Synchronous

RFID Contactless Smart Card Reader

- ISO 14443, FIPS 201 and NIST 800-73 standards compliant
- Provides a read-only interface with a maximum read range of 10cm

ACCESSORIES

- CN3 Single Dock and CN3 Multi-Dock
- Enables charging and data synchronization (via USB ActiveSync & Ethernet) with the mobile computer while the PIV module is connected.

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