

MobiChk PIV Reader Module



The MobiChk Personal Identity Verification (PIV) Reader Module is an all-in-one accessory that enables Intermec 70 Series Mobile Computers to authenticate personnel via multiple methods. The MobiChk PIV Reader 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.

- 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 Law Enforcement, Military, and Emergency Management
- Supports multi-step authentication
- Provides flexibility for meeting future needs
- Fast and easy to install

Used with Intermec 70 Series Mobile Computers, the MobiChk PIV Reader 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 MobiChk PIV Reader Module is designed for quick and easy snap-on attachment to the host device. The Intermec 70 Series Single Dock or Multi Dock enables charging and communication with the mobile computer, via USB client, while the module is attached.

Host and OS Versions

- Intermec CN70 & CN70e
- Intermec CN70G & CN7eG (Federal Government Only)
- Microsoft® Windows Embedded Handheld 6.5

Physical

- Dimensions: L x W x D: 10.8 x 7.8 x 4.4 cm (4.25 x 3.08 x 1.75 in)
- Weight: 150 g (5.3 oz)

Environmental

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

Biometric Fingerprint Reader

- ISO 19797, FBI PIV FAP 30 Certified, FIPS 201-2 Fingerprint Capture Device compliant (pending) and FBI PIV-IQF compliant (pending)
- Sensing Area: 0.8 x 1.0 in (20 x 25 mm)
- Light Emitting Sensor (LES) Technology: Resistant to Scratching or Contamination, Live Finger Detection, No Cleaning for Latent Prints, Operates in Direct Sunlight
- Resolution: 500 PPI; Image size: 400 x 500 pixels

Magnetic Stripe Card Reader

- ISO 7810 & 7811-4 and -5 standards compliant
- Formats supported: ANSI, ISO/IEC (4909, 7810, 7811, 7813 & 8583), AAMVA, CA MVA, IATA, ABA,
- Card Thickness Supported: 0.76mm ± 0.08mm

Contact Smart Card Reader

- ISO 7816 Parts 1,2,3 and 4, FIPS 201-2 (Pending)
- Credentials: CAC, PIV, PIV-I, TWIC
- Protocols: T=0, T=1
- Card Size: ID-1 (full-size)

Contactless Smart Card Reader

- ISO 14443A/B, ISO 15693, FeliCa™ (IDm), CEPAS (CSN), FIPS 201-2 (Pending)
- Credentials: CAC, PIV, PIV-I, TWIC
- Protocols: MIFARE Classic®, MIFARE DESFire® 0.6, MIFARE DESFire® EV1, HID: iCLASS® Standard/SE/SR/Seos; PIV II, Secure Identity Object™ (SIO)

Accessories

- Scan Handle, UHF RFID, 70 Series Single Dock and Multi-Dock
- Enables charging and data synchronization (via USB ActiveSync) with the mobile computer while the MobiChk PIV Reader Module is connected

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