

Precise 250 MC



- **Combination fingerprint & smart card reader for public use**
- **Secure architecture - all biometric processing performed inside the device or on the smart card**
- **2-factor authentication**
- **Optimized for Precise Match-on-Card™**
- **User-friendly and durable design for high volume use**

Precise 250 MC combination fingerprint and smart card reader provides a robust biometric security architecture and 2-factor authentication. All required biometric matching and smart card functionality is processed within the device using an embedded microprocessor platform. Information is stored and processed within the secure environment of the reader or the smart card.

Engineered for public applications requiring secure and accurate biometric authentication, Precise 250 MC enhances accuracy and facilitates use for non-habituated or infrequent users. It is ideal for public kiosk or high-transactional volume applications outside of regular desktop use or daily single-user authentication.

Precise 250 MC uses 2-factor authentication, which means the user must present both their fingerprint and a valid smart card, where the fingerprint templates are securely stored. The patented Precise Match-on-Card™ technology allows for the secure storing and matching of the fingerprint template to take place on the smart card. Precise 250 MC is designed for Windows XP and 2000 environments, but integrates easily into other platforms thanks to CCID compliance and standardized USB interface.



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Precise 250 MC

PRODUCT FEATURES

- Secure architecture
- All processing is handled within the device or smart card.
- Performs both biometric enrollment and verification
- Optimized for Precise Match-on-Card™
- Reduced costs for password administration
- 2-factor authentication
- User-friendly and durable design for high-transaction volume
- Firmware upgradeable for future smart card types and capability enhancements
- High-speed smart card operations

SPECIFICATIONS

General

- Power consumption: Standby: 0,5 mA
Normal: 50 mA
Max: 220 mA
- Operating temperature range: 0-50° C / +32-120° F
- USB 1.1/2.0 (full-speed) compliant
- FCC (Part 15 Class B) and CE certified
- Microsoft WHQL approved
- UL 1950 certified
- ISO 9000/1 and ISO 14001 production certified
- USB Chip/Smart Card Interface Devices (USB CCID) compliant
- Drivers for: Windows® 2000
Windows® XP
Windows® 2003

Biometric Reader

- All image processing is performed within the device or smart card
- Large area (12.8 x 18.0 mm / approx. ½ x ¾ in) silicon sensor for maximum ease of use
- 500 dpi sensor resolution

Smart Card Reader

- Uses PC/SC driver
- ISO/IEC 7816 T=0 and T=1, 3V and 5V cards supported
- Support for up to 8 MHz smart cards
- Up to 250 kbit/s communication speed

All specifications are subject to change without notice

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