Precise 100 MC

- **Combined fingerprint & smart card reader**
- **2-factor authentication**
- **Optimized for Precise Match-on-Card™**
- **User-friendly design**

Precise 100 MC, the second-generation combined fingerprint and smart card reader, takes biometric security one step further.

The Precise 100 MC uses 2-factor authentication, which means that you must present both a valid smart card, where fragments of your fingerprint are securely stored, and your fingerprint. The fingerprint is matched within the safe and tamper-proof environment of the smart card, using Precise Match-on-Card™ technology.

Precise 100 MC supports the US Department of Defence's smart card security solution, the Common Access Card. It is compatible with the Precise BioMatch™ Pro Toolkit and the BioAPI-compliant Precise BioMatch™ Standard.

SPECIFICATIONS

Precise 100 MC

GENERIC FEATURES
- Optimized Precise Match-on-Card™ performance
- High speed smart card operations capacity
- Real-time fingerprint image capturing
- PC wake-up from power save mode by insertion of smart card[1]
- Firmware upgradeable for future smart card types
- Plug'n Play installation
- Low power consumption – less than 0,5 mA when not active
- Unique ergonomic design
- Dual-color LED indicator for user interaction

TECHNICAL SPECIFICATIONS
General
- Size 92 x 61 x 19 mm / 3.6 x 2.4 x 0,75 inches (L x W x H)
- Power consumption: standby: 0,5 mA
                        normal idle: 50 mA
                        max: 220 mA
- Operating temp: 0 to +50°C / +32 to 120°F
- USB connection
- WHQL approved[1]
- FCC (Part 15 Class B) and CE certified
- UL 1950 (safety of information technology equipment, including business equipment) certified
- ISO 9000/1 and ISO 14001 production certified
  - Windows® XP
  - Windows® 2000
  - Windows® 98
  - Windows® Me

Fingerprint Reader
- Silicon fingerprint sensor – AuthenTec AES4000
- Capturing of up to 6 fingerprint images / second
- Image encryption[2]

Smart Card Reader
- All ISO/IEC 7816 compatible cards supported
- PC/SC driver supporting T=0 and T=1
- Automatic adjustable smart card clock frequency between 4 and 8 Mhz
- Up to 250 kbit/s communication speed

SYSTEM REQUIREMENTS
- Windows® XP, Windows® 2000, Windows® 98 (Service Pack 1), Windows® 98SE or Windows® Me
- USB port

[1]Windows®XP

[2]Available as a firmware upgrade

All specifications are subject to change without notice.