

## 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
- Real-time fingerprint image capturing
- PC wake-up from power save mode by insertion of smart card<sup>1</sup>
- 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 temperature range: 0 to 50°C / 32 to 120°F
- USB connection
- WHQL approved<sup>1</sup>
- 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
- Drivers: Windows® XP  
Windows® 2000  
Windows® 98  
Windows® Me

#### Fingerprint Reader

- Silicon fingerprint sensor – AuthenTec AES4000
- Capturing of up to 4 fingerprint images / second
- Image encryption<sup>2</sup>

#### Smart Card Reader

- All ISO/IEC 7816 compatible cards supported
- PC/SC driver supporting T=0 and T=1
- 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
- Precise BioMatch™ enabled application<sup>3</sup> based on Precise Match-on-Card™, BioAPI, HA-API or BNX API
- Precise BioMatch™ Pro or Precise BioMatch™ Standard

<sup>1</sup>Windows® XP

<sup>2</sup>Available as a firmware upgrade

<sup>3</sup>Application is not included with the reader

All specifications are subject to change without notice.



www.precisebiometrics.com

**Sweden:** Precise Biometrics AB, Scheelevägen 19 C, SE-223 70 Lund  
Phone: +46 46 311 100 Fax: +46 46 311 101 info@precisebiometrics.com

Precise Biometrics AB, Finlandsgatan 66 2nd floor, SE-164 74 Kista  
Phone: +46 8 632 33 50 Fax: +46 8 632 33 55 info@precisebiometrics.com

**USA:** Precise Biometrics Inc, 8300 Boone Boulevard, Suite 500 Vienna, VA 22182  
Phone: +1 (703) 848-9266 Fax: +1 (703) 832-0577 infous@precisebiometrics.com

