



## BioAccess™

### Contactless Mifare™ Fingerprint Readers

Precise BioAccess™ Mifare is a plug and play fingerprint reader that offers unparalleled security for access control. Precise BioMatch™ technology provides reliable one-to-one matching—personal proof that people are who they claim to be.

Precise BioAccess™ is convenient, fast, accurate, easy to implement and extremely cost effective. By only storing the template on a contactless smart card instead of in a less secure database, privacy is preserved. Precise BioAccess™ Mifare is designed to instantly replace existing readers and

requires no new wiring or software updates.

Precise BioAccess™ Enrollment Station is a standalone package for enrolling fingerprints and writing biometric templates onto Mifare contactless cards for use with Precise BioAccess™ Mifare readers. The Precise BioAccess™ Enrollment Station gives you control over the contents of the cards so the Precise Biometric data can co-exist with other applications and data on the Mifare card.

## FEATURES

- Increased security — identifies people, not PIN codes
- Compatible with all major access control systems
- Preserved privacy — fingerprint template stored on card
- Decreased administration cost — no lost PIN codes
- Low competitive price
- Scalable—no local database, no performance penalty
- Industry leading fingerprint matching technology.
- Stores up to four fingerprint templates on a Mifare standard 4K card, injured fingers are not a problem
- Each finger can be assigned their own card number, enabling you to control alarm and T&A systems
- Flexible storage of template on card, enables use of cards containing legacy data
- Unique personal keys, protects against unauthorized re-enrollment and cards from unauthorized parties
- Support for MAD (Mifare Application Directory), a demand for multi-application cards



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### SPECIFICATIONS

	<b>PRBIORDR – Mifare Compatible</b>
<b>Description</b>	The reader matches the fingerprint of the person seeking entry to the identity of the cardholder as stored on the Mifare card.
<b>Dimensions</b>	4.9" H x 2.7" W x 2.4" D (12.5cm H x 6.8cm W x 6.1cm D)
<b>Max. Read Range<sup>1</sup></b>	1.57" (4.0cm)
<b>Cable Distance to Host (Wiegand)</b>	500' (152m) max
<b>Compatible Cards</b>	Mifare standard 1K and 4K, Mifare Pro and Mifare ProX
<b>Number of Templates</b>	Unlimited
<b>Template Size</b>	534 bytes
<b>Enrollment Time</b>	< 10 seconds
<b>Equal Error Rate (EER)</b>	N/A
<b>False Acceptance Rate</b>	Configurable
<b>False Rejection Rate</b>	Configurable
<b>Custom Features</b>	Mifare ROM card number, enables unique card number. Custom card number, enables use of old card number and compatibility with other card formats. RAW data, enables sending of any data required following a successful match
<b>Verification Time</b>	< 1 second
<b>Regulatory Approvals</b>	FCC, CE
<b>Operating Temperature</b>	50 to 120°F (10 to +50°C)
<b>Operating Humidity</b>	Office Environment (typ. 45 to 65% relative humidity)
<b>Operating Voltage Range</b>	12-24 VDC
<b>Current (@12VDC)</b>	100mA typ, 250mA peak
<b>Communications</b>	No updates required to reader, templates stored on card
<b>Output Interfaces</b>	Wiegand, Clock & Data
<b>Warranty<sup>2</sup></b>	1 year

<sup>1</sup> Actual operating distance will vary depending upon installation environment and proximity to metal.  
<sup>2</sup> See Honeywell Systems Group's Sales Policy for complete warranty details.

All specifications are subject to change without notification.  
Precise BioAccess is a Registered Trademark of Precise Biometrics.

### ORDERING

<b>PRBIORDR</b>	Mifare™ BioAccess Reader Fingerprint and Smart Card Reader
<b>PRBIOENRU</b>	Mifare™ BioAccess Enrollment Kit, 115VAC, USB Fingerprint Reader, and Software
<b>PRBIOENRP</b>	Mifare™ BioAccess Enrollment Kit, 115VAC, Parallel Port Fingerprint Reader, and Software

For more information: [www.honeywellaccess.com](http://www.honeywellaccess.com)

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