



## BPM12 – bioProx II bioProx mifare® reader

Fingerprint verification to identify a person is the most used biometric technology in the access control environment.

Two biometric sensors are available: a basic microchip version and a more sophisticated optical unit

The new bioProxII chameleon concept allows you to choose between the two biometric sensors and between all available PRX5 proxEntry® readers



### BPM12 / bioProx II

You can select to have the template either in the memory of the bioProx II unit or you can store the template directly onto your access control card what is the best solution in terms of any privacy issue.

If you don't want to use a prox reader at all you can select the key-pad-only-version where you have to type in your template number and then the unit will verify against the presented finger template.

The chameleon concept allows you to generate a proper technology mix but also gives you the opportunity to design and colour the outside of the unit to fit your building requirements.

At any time you can efficiently change the biometric sensor or the chosen reader by just plug and play and without changing the system which controls your security needs.

### Your benefits at a glance

- **High Definition** optical or chipbased sensor
- **Fast verification time**
- **Compatible to broad range of reader technologies** – mifare®, my-D, ISO 15693, LEGIC, ISO 14443, Desfire, HID®, deister etc.
- **Tamper detection** on removal from wall
- **Simple to upgrade** existing card reader technologies
- **Use with most of the existing access control systems**
- **Chameleon design** to meet technological and design requirements

### Technical Data

<b>Dimensions (mm):</b>	170 x 111 x 70
<b>Installation:</b>	flush mount
<b>Housing material:</b>	ASA
<b>Power consumption:</b>	9... 15V/DC, typ. 230 mA, Peak 550 mA
<b>Compliance (CE):</b>	EN 300330, EN301489 reverse polarity and trans- sient protection
<b>Protection:</b>	IP 40 (IEC 529)
<b>Operating temperature:</b>	+5°C to + 40°C
<b>Reading distance:</b>	up to 35 mm, depending on transponder and envi- ronment
<b>Interfaces:</b>	Open collector, RS485
<b>Protocol:</b>	Wiegand, Data/Clock, Magstripe, RS232/485
<b>Connection:</b>	12-pin screw terminal connector
<b>Tamper-protection:</b>	various options
<b>Processing time:</b>	3-4 sec (incl. card read, memory access, template reading, matching, data output)
<b>User:</b>	1500 Templates in reader or unlimited if template on card
<b>Equal error rate:</b>	<0,1%

This product will be available  
in 2<sup>nd</sup> Quarter of 2005.