



BioOnCard

Fingerprint contactless card

BioOnCard is the fingerprint-activated contactless card. Only after activation by fingerprint will the smart card communicate with the contactless reader. It's designed to be used in physical and logical access control. Likewise, BioOnCard can also serve as fingerprint-activated payment card. Only after activation by fingerprint will the smart card (fingerprint card allow payments on the contactless EMV POS terminal.

Match-on-card technology enables users to not only carry their biometric with them but also match it on the card. This means greater privacy for the cardholder and the ability to authenticate without connection to a backend database.

Key Features

- Highly enhance the security level for physical and logical access control.
- All software and data in the card are encrypted using proprietary algorithm and specific chip.
- One-press for quickly turn-on and verification to better user experience by smooth usage.
- Dual-RFID design for multi-system use and also can be used for silent alert.
- Large battery capacity to ensure longer using time.

Item	Description
Max User	5
Max Fingerprint	50
Template Number	150
Anti-ESD	+/-15kV
Wear-and-tear	>2.5 million finger placements
FAR	<0.01% (Security Level medium)
FRR	<1% (Security Level medium)
RFID Combination	1. 13.56MHz + 125KHz 2. 125KHz + 125KHz, or 13.56MHz + 13.56MHz
Battery Capacity	90mAh
Usage	>1000 times per full charge
Charger	5V, 100mA
Charging Duration	90 minutes
Card reading Distance	0-3cm
Card Size	85.5*54*2 mm

Accessories

The BioOnCard uses its own battery charger that works via USB. The charging time is 90 minutes, allowing its usage more than 1000 times after a full battery charge.

