# RBH-ISO-D-EV3
# RBH-KT-D-EV3
## MIFARE DESFire Credentials

*Use with the blueLINE Series of Readers*



## MIFARE DESFire EV3 Technology

- Proven, Reliable Technology - MIFARE DESFire EV3 is based on open global standards for security, and is interoperable with existing MIFARE infrastructures.
- Fast Processing and Data Communication.Transaction times are less than 100 milliseconds for a typical secure ticketing transaction.
- Standards Compliant - MIFARE DESFire EV3 is fully complaint with ISO 14443A 1-4, and has been awarded CC EAL 5+ for card security.

## How to Order

- **RBH-ISO-D-EV3-2K**   DESFire graphic card, 2K memory, EV3 (RBH Secure Format SECTOR programmed) Sold in multiples of 100
- **RBH-ISO-D-EV3-4K**   DESFire graphic card, 4K memory, EV3 (RBH Secure Format SECTOR programmed) Sold in multiples of 100
- **RBH-KT-D-EV3-2K**    Desfire Keyfob, 2K memory, EV3(RBH Secure Format SECTOR programmed) Sold in multiples of 100
- **RBH-KT-D-EV3-4K**    DESFire Keyfob, 4K memory, EV3 (RBH Secure Format SECTOR programmed) Sold in multiples of 100

## Specifications:

| | RBH-ISO-D-EV3 | RBH-KT-D-EV3 |
|---|---|---|
| Credential Type | ISO Card | Keyfob |
| Operating Frequency | 13.56 MHz (MIFARE DESFire EV3) | |
| RF Interface | ISO 14443 A, Parts 1-4 (DESFire EV3) | |
| Typical Maximum Read Range | DESFire: Up to 4" (10 cm) | |
| Transaction Time | < 100 ms | |
| Baud Rate | Activation at 106 kbps; Data transfer up to 848 kbps | |
| Memory Type | EEPROM 2 & 4 Kbytes | EEPROM 2, & 4 Kbytes |
| Memory Structure | Up to 28 applications, with up to 32 files per application | |
| Operating Temperature | -40 to 122°F (-40 to 50°C) | -25 °C to 70 °C |
| Operating Humidity | 5% - 95% Non-Condensing | |
| Write Endurance | 500,000 cycles min. | |
| Data Retention | 10 years min | |
| Materials and Finish | White PVC | Molded Polycarbonate - Black/Gray |
| Weight | 0.20 oz (6.0 g) | 0.191 oz. (5.4 g) |

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