

# RBH-ISO-D-EV2 RBH-KT-D-EV2 MIFARE DESFire Credentials

Use with the blueLINE Series of Readers



**RBH**  
blueLINE™

## MIFARE DESFire EV2 Technology

- Proven, Reliable Technology - MIFARE DESFire EV2 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 EV2 is fully compliant with ISO 14443A 1-4, and has been awarded CC EAL 5+ for card security.

## How to Order

- **RBH-ISO-D-EV2-2K** DESFire graphic card, 2K memory, EV2 (RBH Secure Format SECTOR programmed) Sold in multiples of 100
- **RBH-ISO-D-EV2-4K** DESFire graphic card, 4K memory, EV2 (RBH Secure Format SECTOR programmed) Sold in multiples of 100
- **RBH-KT-D-EV2-2K** Desfire Keyfob, 2K memory, EV2 (RBH Secure Format SECTOR programmed) Sold in multiples of 100
- **RBH-KT-D-EV2-4K** DESFire Keyfob, 4K memory, EV2 (RBH Secure Format SECTOR programmed) Sold in multiples of 100

Specifications:	RBH-ISO-D-EV2	RBH-KT-D-EV2
Credential Type	ISO Card	Keyfob
Operating Frequency	13.56 MHz (MIFARE DESFire EV2)	
RF Interface	ISO 14443 A, Parts 1-4 (DESFire EV2)	
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)



[WWW.RBH-ACCESS.COM](http://WWW.RBH-ACCESS.COM)

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