



NXP® MIFARE® DESFire® EV2 2K RFID Card



SKU:	RS-D22-CR80
Chip Type:	NXP® MIFARE® DESFire® EV2 2K
Frequency:	HF 13.56 MHz
Read Range:	Up to 10 cm
Protocol:	ISO/IEC 14443-A, NFC Forum Type 4, ISO/IEC 7816-4
EEPROM:	2048 bytes
Industry:	Events, Healthcare, Transportation
Applications:	Access Control, Library, Vehicle Tracking, Public Transport, Ticketing

The MIFARE® DESFire® EV2 2K RFID card is a secure, high-capacity contactless smart card, ideal for a wide range of applications, including access control, transportation, and payment systems.

Designed with advanced encryption standards, the EV2 version significantly enhances data protection and transaction speed. This makes the MIFARE® DESFire® EV2 2K RFID card a reliable, efficient, and future-proof solution for modern RFID needs.

Physical Information	Material	Black Core PVC, White Core PVC, White Core PET (WEEE Directive✓), White Core ABS (WEEE Directive✓), Wooden (WEEE Directive✓)
	Card Size	85.5×54×0.88 mm
	Net Weight	About 5.8 g
	Operating Environment	-20°C~+50°C, 20%~80% RH
	Storage Environment	+18°C~+28°C, 20%~90% RH
	Surface Treatment	Glossy, Matte or Frosted
	Personalized Printing (NA For Wooden Cards)	Thermal Transfer/Dye Sublimation
	Customization Options (NA For Wooden Cards)	Pre-Printing, Barcode Printing, Embossing, Holograms, Signature Panels, UV Printing, Hot Stamping, Punch Holes
	Care Tips	1. Avoid excessive bending 2. Keep away from water 3. Store in cool and dry place
Cleaning Tips		1. Use a soft, dry cloth 2. Avoid harsh chemicals or abrasive cleaners 3. Remove stains immediately

Technical Information	Operating Frequency	13.56 MHz
	Communication Protocol	ISO/IEC 14443-A, NFC Forum Type 4, ISO/IEC 7816-4
	Chip Type	NXP® MIFARE® DESFire® EV2 2K
	Read Range	Up to 10 cm
	EEPROM	2048 bytes
	UID Memory	7B UID or 4B RID
	Security Features	AES128, DES, EAL5+, and supports mutual three-pass authentication

Packaging Information	Packing Format	Single pieces, piece by piece
	Packing Quantity	200 pcs/case, G.W. : 1.26 kg
	Packing Method	1000 pcs or 2000 pcs/carton
	Carton Dimension	1000 pcs: 23×20×17 cm (G.W.: 6.3 KG); 2000 pcs: 48×23×14 cm (G.W.: 12.6 KG).

● **Performance and Illustrations:** Graphs and visuals are for reference only; actual product performance may vary depending on usage and environment.
 ● **Storage and Handling Guidelines:** Follow standard ESD-safe storage and handling procedures to maintain product integrity and avoid damage.
 ● **Product Updates and Revisions:** rfidbridge.com may change products, specs, or services at any time without prior notice.
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