



NXP® MIFARE Plus® EV2 2K RFID Card



SKU:	RS-PL2KE2-CR80
Chip Type:	NXP® MIFARE Plus® EV2 2K
Frequency:	HF 13.56 MHz
User Memory::	2048 bytes
Read Range:	Up to 10 cm
Protocol:	ISO/IEC 14443-A, ISO/IEC 7816
Industry:	Events, Healthcare, Transportation
Applications:	Access Control, Library, Vehicle Tracking, Public Transport, Ticketing

The MIFARE Plus EV2 2K card delivers 2 KB of memory, advanced AES-based security and backwards compatibility with MIFARE Classic systems, offering a seamless upgrade path for access control, transit and multi-service smart-card applications.

Featuring Common Criteria EAL5+ certification and support for step-by step system migration, it's ideal for deployments that demand both future-proof protection and interoperability with existing infrastructure.

Physical Information	Material	Black core PVC, White core PVC, White core PET(WEEE Directive✓), White core ABS(WEEE Directive✓), Wooden(WEEE Directive✓)
	Card Size	85.6×54×0.88 mm
	Net Weight	About 5.8 g
	Operating Environment	-20°C~+50°C, 20%~80% RH
	Storage Environment	+18°C~+28°C, 20%~80% 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, ISO/IEC 7816
	Chip Type	NXP® MIFARE Plus® EV2 2K
	Operating Distance	Up to 10 cm
	EEPROM	2048 bytes
	UID	4 bytes / 7 bytes
	Security Features	AES-128 cryptography for authentication and secure messaging(optional in SL 1, mandatory in SL3)

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: 23x20x17cm (G.W.: 6.3 KG); 2000 pcs: 48x23x14cm (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.
 ● **General Use Disclaimer:** Products are for general-purpose use and not intended for safety-critical or life-support applications.
 ● **Legal Notice:** Information is believed accurate but may change. rfidbridge.com is not liable for use-related issues or outcomes.