



NXP® MIFARE Plus® EV2 4K RFID Card

SKU:	RS-PE24K-PVC-8654
Chip Type:	NXP® MIFARE Plus® EV2 4K
Frequency:	HF 13.56 MHz
User Memory::	4096 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 NXP® MIFARE Plus® EV2 4K RFID card features 4KB of memory and advanced security capabilities, including AES encryption and compliance with Common Criteria EAL5+ standards. The card is CR80 size, suitable for most direct thermal or thermal transfer card printers. It ensures robust protection for various applications such as access control, transportation, and multi-purpose smart cards.

Fully compatible with existing MIFARE Classic® and MIFARE Plus® systems, this card offers a flexible, scalable solution for businesses looking to upgrade their security infrastructure. With options for customization and high-performance communication, it supports a wide range of use cases while enabling smooth transitions to future-proof security upgrades.

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, 40%~60% 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 4K
	Operating Distance	Up to 10 cm
	EEPROM	4096 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.
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