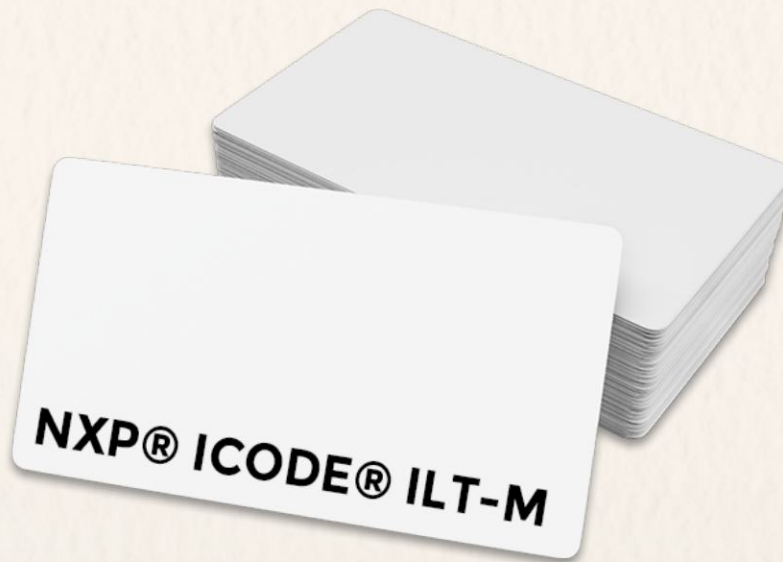




NXP® ICODE® ILT-M RFID Card



SKU:	RS-ICILM-CR80
Chip Type:	NXP® ICODE® ILT-M
Frequency:	HF 13.56 MHz
Protocol:	ISO/IEC 18000-3 mode 3, EPC Class-1 HF
User Memory:	512 bit
EPC Memory:	Up to 240 bit
TID Memory:	96 bit
UID Memory:	48 bit
Industry:	Events, Healthcare, Transportation, Business
Applications:	Access Control, NFC, ETC Toll Payment, Vehicle Tracking

The NXP® ICODE® ILT-M CR80 RFID Card is a high-performance (ISO/IEC 18000-3 mode 3, EPC Class-1 HF) contactless card designed for advanced identification and access management applications. Powered by NXP® ICODE® ILT-M chip, it delivers exceptional read range, fast data transfer, and robust anti-collision performance, making it ideal for environments that require rapid and reliable tag reading. The chip supports a 240-bit EPC memory and 512-bit user memory, providing flexibility for storing credentials, access information, or asset tracking data with high security and integrity.

Built in a CR80 (credit card-sized) durable PVC format, this RFID card combines sleek aesthetics with industrial-grade reliability. It is perfectly suited for access control systems, library cards, event management, logistics, and smart ticketing where high efficiency and scalability are key. With its balance of long-range readability, compatibility, and customizable design, the NXP® ICODE® ILT-M CR80 RFID Card empowers organizations to streamline operations, enhance security, and enable seamless, contactless user experiences.

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 18000-3 mode 3, EPC Class-1 HF
	Chip Type	NXP® ICODE® ILT-M
	Operation Of Multiple Tags	Up to 800 tags/s
	Forward Link	25 kbit/s~100 kbit/s
	Return Link	53 kbit/s~848 kbit/s
	EPC Memory	Up to 240 bit
	User Memory	512 bit
	TID Memory	96 bit
	UID Memory	48 bit
	EAS Functionality	Support
	Security Features	32 bit Access & Kill password

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](https://www.rfidbridge.com) may change products, specs, or services at any time without prior notice.
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