



NXP® ICODE® SLIX-L RFID Card



SKU:	RS-SLIXL-CR80
Chip Type:	NXP® ICODE® SLIX-L
Frequency:	HF 13.56 MHz
Protocol:	ISO/IEC 15693, ISO/IEC 18000-3
EEPROM :	512 bits
Read Range:	Up to 1.5 m
Industry:	Events, Healthcare, Transportation, Business
Applications:	Access Control, NFC, ETC Toll Payment, Vehicle Tracking

The NXP® ICODE® SLIX-L CR80 RFID Card is a high-frequency (HF) smart card compliant with ISO/IEC 15693 and ISO/IEC 18000-3 standards, designed for seamless contactless identification and data exchange. Powered by the NXP® ICODE® SLIX-L chip, it offers fast read/write performance, excellent anti-collision capability, and secure data retention, making it a reliable choice for applications that demand both speed and stability. Its optimized memory structure and wide compatibility ensure smooth integration with existing RFID systems and NFC-enabled devices.

Crafted in the standard CR80 (credit card) format, this RFID card combines durability and elegant design for a variety of uses including library and document management, membership and loyalty programs, access control, and event ticketing. The ICODE® SLIX-L chip provides outstanding reading distance and consistent performance, even in dense environments. With its balance of performance, scalability, and user convenience, the NXP® ICODE® SLIX-L CR80 RFID Card empowers businesses to build smarter, faster, and more secure contactless ecosystems.

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
	Operating Environment	-20°C~+50°C, 20%~80% RH
	Storage Environment	+18°C~+28°C, 40%~60% RH
	Net Weight	About 5.8 g
	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 15693, ISO/IEC 18000-3
	Chip Type	NXP® ICODE® SLIX-L
	Data Transfer	53 kbit/s
	Data Integrity	16 bit CRC
	True Anticollision	Support
	EEPROM Memory	512 bits
	Read Range	Up to 1.5 m
	Lock Mechanism	DSFID, AFI, EAS
	Unique Identifier For Each Device	Support
	Security Features	32 bit password (Privacy/Destroy/EAS/AFI)

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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