



NXP® MIFARE® DESFire® Light RFID Card



SKU:	RS-MDL-CR80
Chip Type:	NXP® MIFARE® DESFire® Light
Frequency:	HF 13.56 MHz
Protocol:	ISO/IEC 14443A-2/-3/-4, ISO/IEC 7816-4, NFC Forum Type 4
User Memory:	640 bytes
UID Memory:	7 bytes
Industry:	Hospitality, Events
Applications:	Access Management, Event Ticketing, Transport Ticketing, Account Based Services, Electronic Voucher, Gaming, Loyalty Cards

The NXP® MIFARE® DESFire® Light RFID card is made from photo-quality standard PVC sheets in CR80 size, ensuring durability and a premium finish.

The NXP® MIFARE® DESFire® Light is compatible with MIFARE® DESFire® EV2, allowing designers to easily expand their systems to support new applications. Its ICs fully comply with the NFC Forum Type 4 specification.

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
	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 14443A-2/-3/-4, ISO/IEC 7816-4, NFC Forum Type 4
	Chip Type	NXP® MIFARE® DESFire® Light
	Operating Mode	Passive
	UID Memory	7 bytes
	User Memory	640 bytes
	Security Features	ECC-based NXP Originality Signature

Packaging Information	Packing Format	Single pieces, piece by piece
	Packing Quantity	200 pcs/case, G.W. : 1.3 kg
	Packing Method	1000 pcs or 2000 pcs/carton
	Carton Dimension	1000 pcs: 23×20×17 cm (G.W.: 7 KG); 2000 pcs: 48×23×14 cm (G.W.: 13 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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