

RFID & SMART CARDS

Custom Printed RFID Cards - Datasheet

Document RFMFG-DS-CUSTOM-PRINTED-RFID-CARDS · Rev. 2026-09-30

Your artwork on RFID and NFC cards - printed and encoded in one run.

Custom printed RFID cards put your full-colour artwork on a CR80 card with an LF, HF/NFC or UHF chip inside - for access badges, membership and loyalty, hotel keys, event credentials and NFC marketing. Printing, finishes, numbering and chip encoding are done in the same production run, with a free proof and sample before bulk.

Specifications

Card size	CR80, 85.5 × 54 mm (ISO/IEC 7810 ID-1); custom sizes and shapes on request
Printing	Offset CMYK, Pantone spot colours, silkscreen; UV print and laser engraving on wood and metal bodies
Finishes	Gloss, matte or frosted lamination; foil stamping, embossing, signature panel, magstripe
Personalisation	Sequential numbering, barcode and QR, variable data; chip encoding under NDA
LF chips (125 kHz)	EM4200; T5577 (programmable, EM/HID-compatible formats)
HF / NFC chips (13.56 MHz)	MIFARE Classic® EV1, MIFARE DESFire® EV2/EV3, NTAG213/215/216, ICODE® SLIX
UHF chips (860-960 MHz)	NXP UCODE®, Impinj Monza series
Card body	PVC; PET, recycled PVC, wood or metal hybrids on request

Applications

Access & ID badges · Membership & loyalty · Hotel keycards · Events & ticketing · NFC marketing

Why RFID MFG

- 100% read testing before packing - a UID/TID check on every unit, data verification on encoded orders
- ISO 9001/14001/45001-certified Shenzhen site - lamination, bonding, die-cutting and personalisation in house
- Chips from NXP, Impinj and EM Microelectronic product lines, with batch-level traceability
- Full OEM / ODM, custom encoding under NDA
- Worldwide shipping · samples available · 2-year warranty