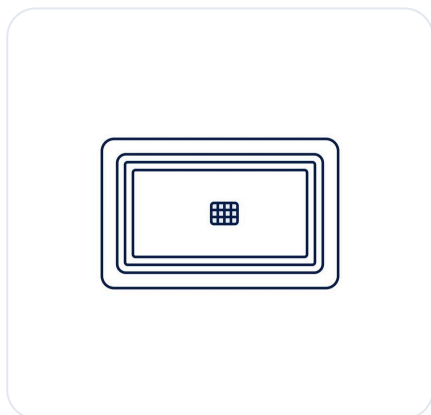




MIFARE DESFire EV3 Card, 13.56 MHz (ISO 14443A, CR80)

Model — · Brand: Identium



A CR80 PVC card on the MIFARE DESFire EV3 chip for systems that specify the DESFire family: multi-application campus and corporate cards, transit and AFC specifications and access systems that need mutual authentication rather than a readable serial number. EV2 supplied where sourced.

KEY FEATURES

- **MIFARE DESFire EV3 (EV2 as sourced), ISO/IEC 14443A up to layer 4**
- **Mutual authentication with AES, per the public datasheet**
- 2 KB, 4 KB or 8 KB memory variants, as sourced
- Multi-application file system: one card, several services
- CR80 85.6 × 54 mm PVC, printable both sides

APPLICATIONS

Campus and corporate ID cards

Transit and AFC specifications

Secure access control

Cashless canteen and payments

Multi-application city cards

SPECIFICATIONS

Frequency	13.56 MHz (HF)
Protocol	ISO/IEC 14443A, up to layer 4 (ISO 14443-4)
Chip	MIFARE DESFire EV3; EV2 supplied where sourced, stated in the quotation
Memory	2 KB, 4 KB or 8 KB, as sourced
Security	Mutual authentication with AES (DES/2K3DES/3K3DES also supported), per the public datasheet
Size	85.6 × 54 mm (CR80)
Thickness	0.8 mm
Material	PVC, white; printable
Read range	Up to about 10 cm, typical for ISO 14443A cards; depends on the reader
Printing	Full-colour both sides, numbering, optional