



KEY FEATURES

- Anti Duplicate or Cloning.
- Need same password on both readers and cards.
- Special sector that allow card's ID to have special combination in terms of save, read, and password before read by reader.

DESFIRE-EV3

EEPROM size	2/4/8/16 kB
Write Endurance	1.000.000 cycles
Data Retention	25 years
Unique Identifier	7byte UID or 4byte RID
Random Number Generator	Yes
Access Keys	32 keys per application
Crypto Algorithms Supported	DES/2K3DES/3K3DES/AES128
Anti-Tear Supported by Chip	Yes
Air Interface	ISO/IEC 14443 Type A (Parts 2&3)
Frequency – Bit	13.56 MHz – 34 bit
Baud Rate	Support Up To 848 kbit/s
Anti-Collision	Bit-Wise
Operating Distance	Up to 100mm