

Contactless Cards – 13,56 MHz

iDTRONIC Contactless cards are passive transponders according ISO 7816. They are built with the most advanced antenna and assembly technologies.

RFID cards are used in the following applications: access control, time attendance, membership cards, identification and electronic payment.

iDTRONIC offers beside the standard blank white cards the following options of personalised cards according customer specification.



Optical personalisation options:

- Offset printing, Silkscreen printing, Thermotransfer printing
- Serial number
- Signature panel
- Magstripe LoCo (3000E) and HiCo (27500E or 40000E)
- Additional contact type chip (hybrid card)

Electrical personalisation options:

- IC encoding
- Magstripe encoding

Product specification:

Dimensions:	85,6 x 54,0 x 0,76mm
Weight:	5 gramm
Material:	PVC, laminated
Surface:	Glossy
DIN / ISO:	7816
Suitable personalisation:	Thermotransfer
Application temp.:	- 25°C to 50°C
Storage temp.:	- 25°C to 50°C

Available 13,56 MHz systems :

IC Type	ISO	Memory	Anticollision	Antenna	Order No.
Philips Mifare Desfire	14443 (1-3)	4096 byte	Yes	Wire	SC-MFDES
Philips Mifare 1	14443A (1-3)	1024 byte	Yes	Wire	SC-MFS50
Philips Mifare UL	14443A (1-3)	512 bit	Yes	Wire	SC-MFUL
Philips Mifare 4KB	14443A (1-3)	4096 byte	Yes	Wire	SC-MFS70
STM SR 176	14443B	176 bit	Yes	Wire	SC-SR176
Philips I-Code 1	-	512 bit	Yes	Wire	SC-IC1
Philips I-Code 2	15693	1024 bit	Yes	Wire	SC-ICSLI
Legic MIM 256	-	256 byte	No	Wire	SC-MIM256
Legic MIM 1024	-	1024 byte	No	Wire	SC-MIM1024