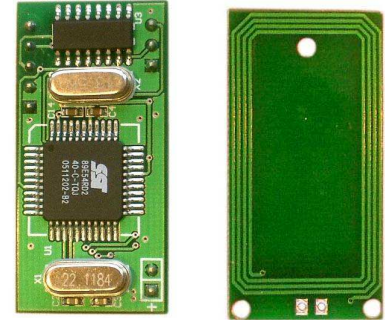


Mini OEM Reader/Writer with separate antenna – ISO14443A

The iDTRONIC Mini OEM Reader/Writer - ISO14443A is compliant to the ISO14443A standard and supports the NXP Mifare family products. The Mini OEM Reader/Writer – ISO14443A benefits from its external antenna. There is the choice of 4 different antenna formats, which allow reading distances of up to 10cm (depending on type of transponder).



Product highlights:

- Read / Write of NXP MIFARE tags
- NXP MF RC500 chipset integrated
- RS232 and RS485 interface available
- 2 LED drivers

Sample applications:

- Ticketing, transportation,
- Payment
- Access control

Product specification:

Description:	ISO14443A OEM Reader/Writer with separate antenna
Dimensions:	20 x 40 x 9,6mm
Weight:	30g
Temperature range:	-20°C <-> +80°C
Power supply:	5 VDC
Power consumption:	90mA typ. (depending on antenna tuning and power mode)
Operating distance:	up to 10cm (depending both on the tag and on the type of antenna)
Serial interface:	RS232 or RS485
I/Os:	2 x LEDs
Chipset:	NXP MFRC500
Supported tags:	ISO14443A transponders NXP MIFARE MF1S50 NXP MIFARE MF1S70 (4KB) NXP MIFARE MFOU10 (Ultralight)
Order number:	R-OEM-880-A-232 (RS232) R-OEM-880-A-485 (RS485)

Available standard antenna dimensions:

Type	Dimensions	Reading distance (with ISO-Card)
A10	20 x 30mm	1,5 cm
A16	49 x 55mm	7,0 cm
A17	65 x 80mm	8,0 cm
A19	65 x 90mm	8,5 cm