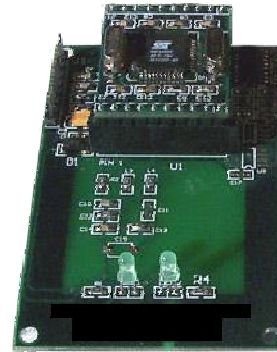


OEM Reader/Writer – ISO14443A

The iDTRONIC OEM Reader/Writer - ISO14443A is compliant to the ISO14443A standard and supports the NXP Mifare family products. An integrated antenna allows reading distances up to 8cm (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 integrated antenna
Dimensions:	45 x 67 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 8cm (depending both on the tag and on the antenna tuning)
Interfaces:	RS232 or RS485
I/Os:	2 x LEDs
Chipset :	NXP MFRC500
Supported tags :	ISO14443A transponders NXP MIFARE MF1S50 NXP MIFARE MF1S70 NXP MIFARE MF0U10 (Ultralight)
Order number :	R-OEM-821-A-232 (RS232) R-OEM-821-A-485 (RS485)