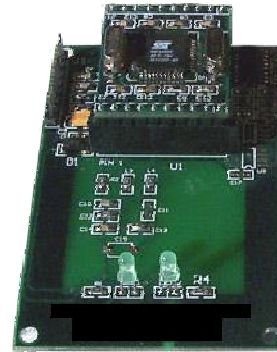


## OEM Reader/Writer – ISO14443A

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:

<b>Description:</b>	ISO14443A OEM Reader/Writer with integrated antenna
<b>Dimensions:</b>	45 x 67 x 9,6mm
<b>Weight:</b>	30g
<b>Temperature range:</b>	-20°C <-> +80°C
<b>Power supply:</b>	5 VDC
<b>Power consumption:</b>	90mA typ. (depending on antenna tuning and power mode)
<b>Operating distance:</b>	up to 8cm (depending both on the tag and on the antenna tuning)
<b>Interfaces:</b>	RS232 or RS485
<b>I/Os:</b>	2 x LEDs
<b>Chipset :</b>	NXP MFRC500
<b>Supported tags :</b>	ISO14443A transponders NXP MIFARE MF1S50 NXP MIFARE MF1S70 NXP MIFARE MF0U10 (Ultralight)
<b>Order number :</b>	R-OEM-821-A-232 (RS232) R-OEM-821-A-485 (RS485)