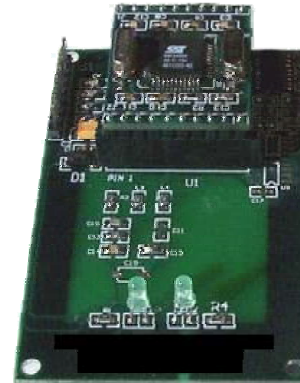


OEM Reader Mifare

The OEM Reader Mifare is an ISO14443A OEM Module equipped with an antenna, featuring the following highlights:

- Read and write access to MIFARE® cards,
- Philips MF RC500 chipset,
- RS232 and RS485 interface available
- The antenna, featuring : a ferrite shield, a serial TTL (0/+5V) to RS interface, 2 LEDs drivers.



Sample applications:

- Ticketing, transportation,
- Tracking,
- Loyalty,
- Private money payment, road toll pricing,
- Physical access control

With the BrightCard Mifare OEM Reader it is possible to reach reading distances up to 80mm.

Product specification:

Description :	ISO14443-A OEM Reader with antenna
Dimensions :	45 x 67 x 9,6 mm
Weight :	30 g
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 80mm (depending both on the tag and on the antenna tuning)
Serial interface :	RS232 or RS485
TTL-CMOS I/Os :	2 x LEDs (soft. Controlled). Bi-directional USER pin (soft. Controlled). Module enable / Module reset pins
Other I/Os :	RC500 both MFOUT & MFIN pins for specific hardware development
Supported tags :	ISO 14443-A transponders Philips MIFARE® Standard
Option:	With Philips RC 632 chipset for ISO14443A/B and ISO15693 tags
Order number :	R-OEM-821-A-232 (RS232) R-OEM-821-A-485 (RS485)