

The MP80A is a 2 in 1 module with an integrated smart card / chip reader/writer plus a 13.56MHz RFID reader/writer complete with built-in antenna designed for simple integration.

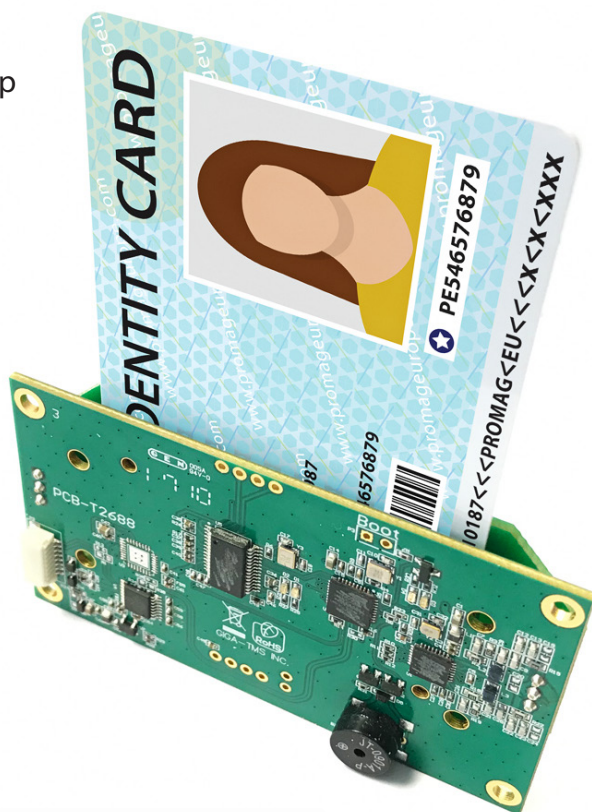
This high performance RFID and chip read/write module is compatible with NFC, 13.56MHz / MIFARE® cards and ISO7816 / smart cards.

## Features

- Enhanced anti-collision algorithm for multi-card handling
- Full 3DES/AES crypto methods
- USB and RS232 interface
- T=CL ISO7816 interface supported
- Full access to data of contactless memory, high security and microcontroller-based cards.

## Card Compatibility

- NFC 1 - 4 TAGs
- ISO 14443A & ISO 14443B
- ISO 15693
- ISO 7816 - Contact / Contactless Smart Card



## Ordering Information:

- MP80AR - RS232 interface
- MP80AL - Serial TTL interface
- MP80AU - USB (Virtual COM) interface
- MP80AR - USB HID interface



<b>Interface</b>	USB (Virtual COM), USB(HID), RS232, Serial TTL
<b>Power</b>	Active 130mA @ 5VDC
<b>Dimensions</b>	80 x 45 x 10 mm
<b>Mode</b>	Read / tWrite
<b>Max. reading distance</b>	10mm to 50mm
<b>Frequency</b>	13.56MHz
<b>Supported Card Types</b>	NFC 1-4 TAGs ISO 14443A ISO 14443B ISO 15693 ISO 7816 (Smart Card)
<b>Environment</b>	Operating Temperature 0°C ~ +50°C; Operating Relative Humidity 10~90%