



# ACG HF Mifare Easy

Compact Plug & Play module - RDHC-0502N0-01

## Targetted markets

- Security,
- Access Control,
- Transit,
- PKI,
- Multi-application contactless cards



The ACG HF Mifare Easy Compact Plug & Play Module is a contact less proximity read/write device that supports various RFID-devices out of the MIFARE® family and the ISO 14443 A standard. The module comes with an integrated and optimized antenna for a quick and easy integration into applications. By using the serial interface the device can be connected to a controller or any host system easily. The form factor enables a design in even into very compact systems

It is part of the Evolis Contactless standard offer and can be fully operated thanks to the EXPERT module of eMedia Card Designer.

Thanks to a very innovative wizard, eMedia EXPERT provides the end-user with a fully automated solution to drag and drop the data objects into the card's memory map.

Access keys may also be settled through the EXPERT module.

eMedia Card Designer EXPERT combined with an Evolis printers and an ACG Mifare Easy module is the ideal solution to personnalize Mifare cards in one go.

## Available on:

- Pebble
- Dualys
- Securion
- Tattoo
- Tattoo Rewrite
- Quantum

## Software Development Kit:

- Included
- Not included
  
- Free of charge
- Charged

## Computer connection:

- RS232
- USB port

This datasheet provides details regarding the above-mentioned item integrated into an Evolis printer. Please note that specifications and details are subject to change without notice and should therefore be confirmed by Evolis prior to any purchase.

Data source: ACG brochure. Information subject to change without notice. The Mifare Easy name is a registered trademark of ACG. All other trademarks are the property of their respective owners. [www.acg.de](http://www.acg.de)

## Feature set

### Main characteristics

RF Transmission frequency: 13.56 Mhz  
 Supported standards: ISO 14443A  
 Communication: RS232 interface  
 Specific ASCII and Binary Protocol  
 Parameters 9600 to 57600 bits/s, 8,N,1

### Supported Tag-ICs

Mifare® Standard, Mifare® 4K, Mifare® Pro X, Mifare® Ultralight  
 Mifare® DESFire (Serial number only)

SLE66R35, SLE44R35

ISO 14443A Tags

### Reading distance

Up to 85mm, depending on Tag and Antenna

### Operating and Storage Conditions

Operating Temp. -20°C to +80°C / -4F to +176F  
 Storage Temp. -40°C to +85°C / -40F to +185F

### Approvals / Compliances

EN300-330  
 CE  
 FCC Part 15  
 RoHS compliant

### Software

API - DLL

### Computer interface

RS232 between the Evolis printer and the computer  
 Cable supplied