



# RFID Reader AM-10

The reader and writer AM-10 was developed for outdoor use in access control applications. Its high performance together with its high reliability in identifying Mifare® cards ensure excellent efficiency displayed by this player. Moreover, it also has much practicality in your installation and configuration. The AM-10 is also available in OEM version.

Purchase Code: 100.127

## • Features

The AM-10 is a Mifare® reader and writer that operates at 13.56 MHz and is designed for access control applications in businesses, universities, condominiums and clubs, where the Mifare® technology guarantees the security identification cards and tags. Being a reader of last generation, has high performance and reliability, and is easily programmable through the Serial RS-232C connection. A demo software for Windows with open source. NET or VB6 commands and high and low level of integration of AM-10 to any controller, controller or microcomputer accompanies the reader. With modern design, the AM-10 fits any environment and is easy to install.

## • Advantages

- Simple and easy communication protocol developed to minimize development time integrator;
- Audible and visual feedback to the user with card;
- Protection against power surge in the serial communication port;
- Exchange / update firmware via serial interface;
- Baudrate selectable via exchange of firmware;
- Wide variations in supply voltage, further facilitating the installation of the reader.

## • Technical specifications

Feed	8-12 VDC, typically with 12 VDC
Consumption	95 mA @ 12V DC
Communication interface	Serial RS-232 C
Reading Range*	Up to 6 cm with AcuMifare Standard
Frequency of operation	HF - 13,56 MHz
Modulation	ASK
Protocol	ISO14443A
Transponder	Reading and recording of any pack of cards and tags AcuMifare
Dimensions	45 x 117 x 20 mm
Weight	160 g
Operating Temperature	-10°C to 60°C
Humidity	0% to 90% non-condensing
Protection degree	Do not apply
Installation	External surfaces or embedded in equipment

\* Assuming a regulated supply of 12V DC and stabilized, installation electromagnetic noise-free environment and without the presence of metal surfaces near the reader source.

## • Dimensions [mm]

