




Homologação  
05085-16-08437 

The AM-10 is a Mifare<sup>®</sup> reader and writer that operates at 13.56 MHz and is geared towards access control applications in companies, universities, condominiums and clubs, where Mifare<sup>®</sup> technology ensures security in the identification of cards and tags. Being a last generation reader, it offers high performance and reliability, and is easily programmable over the RS-232C serial connection. It has demo software for Windows with open source code in .NET or VB6 and high and low level commands for integration of the AM-10 to any controller, data collector or microcomputer. With its modern design, the AM-10 combines with any environment and is easy to install.

Easy and simple communication protocol, developed to minimize integrator development time;

Visual and sound feedback for card user;

Power surge protection on the serial communic. port;

Firmware upgrade via serial interface;

Baud Rate selectable via firmware change;

Wide range of power supply voltage, making the installation even easier.



Frequency	HF - 13,56 MHz
Modulation	ASK
Protocol	ISO14443A
Card Read Range*	Up to 6 cm with AcuSmart Standard
Communication Interface	Serial RS-232 C
Transponder	Read and write any block of cards and tags AcuSmart
<b>Electrical</b>	
Operating Voltage	8 a 12 VDC ou 5 VDC, typically 12 VDC
Idle Current	95 mA @ 12 VDC

<b>Environmental</b>	
Index of Protection	Not applicable
Operating Temperature	-10°C to 60°C
Operating Humidity	0 to 90% non-condensing
<b>Physical</b>	
Dimension	45 x 117 x 20 mm
Net Weight	160 g
Installation	External surfaces or built-in equipment

\* Considering power by regulated and stabilized source of 12 VDC, installation in environments without electromagnetic noise and without the presence of metallic surfaces near the reader.

Purchase Code:  
100.127: AM-10 RFID Reader