



The SX-10 reader is a Mifare[®] reader that operates at 13.56 MHz, reading 1KB and 4KB Mifare[®] and AcuSmart tags and tags.

Can be configured to read Mifare[®] cards with

the MAD1 / MAD2 standard in an open system or can be configured to read the user-defined (non-MAD) data sector in a closed system. It has an anti-collision system and 3 communication interfaces: Serial RS-232 TTL, Wiegand or ABA-TK2, besides being able to be installed on metallic surfaces. Its Wiegand output can be adjusted from 26-bit to 128-bit and the sending order (MSB or LSB). In the data packet of the RS-232 TTL serial output, the order of sending the data (Header, Reader ID and Trailer) can be adjusted.

Anti-collision system;

Various configurable items on the reader such as baud rate, data sequence (MSB or LSB), reader ID transmission, behavior (color and number of beeps) of the LED and buzzer;

Three communication interfaces: Wiegand, Serial RS-232 TTL or ABA-TK2 configured by Mifare Reader Utility software;

Good resistance in outdoor environments.



Frequency	HF - 13,56 MHz
Modulation	ASK
Protocol	ISO14443A
Card Read Range*	Up to 5 cm with AcuSmart Standard
Communication Interface	Wiegand 26 a 128 bits (configurable), ABA TK2 e Serial RS-232 TTL
Transponder	Reading any block of cards and tags Mifare

Electrical

Operating Voltage	7,5 a 24 VDC
Idle Current	60 mA @ 12 VDC

Environmental

Index of Protection	Not applicable
Operating Temperature	0°C to 60°C
Operating Humidity	10 to 90% non-condensing

Physical

Dimension	43 x 77 x 16 mm
Net Weight	120 g

* 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:

100.558, 500.209: SX-10 RFID Reader