



RFID BASED READER MODULE WITH ANTENNA

MPN: - A 12502

RFID (radio frequency identification) systems use data strings stored inside RFID tags or transponders) to uniquely identify people or objects when they are scanned by an RFID reader. Because passive tags require a strong RF field to operate, their effective range is limited to an area in close proximity to the RFID reader. Each RFID Card / tag contains a unique identifier that can be read by this RFID Reader Module and transmitted to the host via a simple serial interface.

FEATURES:

- Low-cost method for reading passive RFID EM4100 family transponder tags
- 125kHz read frequency
- 19200 baud RS485 serial interface
- Low power Requirement 5-24V @ 100mA
- Built in Antenna

GENERAL SPECIFICATIONS

Material	ABS+PC with texture
Read Range	4-5 CM of the reader (Depend card shape)
Reading Time	<250ms
Power/ Current	VDC 5-24 V /<110mA
Buzzer	Yes
LED	Red LED
Output Format	RS485 at 19200 bps
Operating temp range	-40 to +185 °F (-40 to +85 °C)

DIMENSIONS

Height	10.4 cm
Depth	5 cm
Width	2.3 cm

PACKAGE INCLUDES

- 1 X RFID Reader Module(125Khz) – RS485
- 1 X RFID TAG