

RFID Read-Only Reader

GENERAL DESCRIPTION

It is designed for reading code from EM4100 or compatible 125Khz read-only tags and is a major component in RFID reader system. It can be applied in office/home security, personal identification, access control, anti-forgery, interactive toy and production control systems etc.

FEATURES

- Built-in transceiver antenna;
- Maximum effective distance up to 8-10cm;
- Less than 100ms decoding time;
- Low power dissipation with single power supply;
- RS485 interface ;
- Support EM4100 or compatible 125Khz read only tags (64Bits, Manchester coding);
- Built-in bi-color LED and buzzer;



SIZE : 42x80x17mm

INTERFACE DESCRIPTION

Wire Assignment	RS485
Red	+9V to 15V DC
Black	Gnd
Yellow	D+ (RS485)
Green	D- (RS485)

Software utility

[1] path : \RS485 protocol\RS485 demo.exe – Demo program for the RS485 protocol & Function call

[2] Path : \RS485 protocol\RS485 reader ID Tool.exe – program to set the RS485 reader ID

Each RS485 reader has it own reader ID. The factory default reader ID is 1.

If you connect more than one reader in your system, you can use this tool to change the reader ID for RS485 communication.