

1-Wire Mifare UID Reader

MR2S and MF7S are Mifare UID Readers with 1-Wire and RS232 interface, designed to integrate with vehicle trackers and the other controllers.

With 10~48VDC power input, it's convenient to install the reader in different vehicles. It aims to offer more flexibility to build solutions at affordable cost, can be used alternatively for iButton and get your solution working with low cost Mifare cards.



MF7S

MR2S

Specifications:

Frequency	13.56MHz
Card Type	ISO 14443A MiFARE, DESFire, Ultralight
Output Interface	1-Wire & RS232
Power Input	10 ~ 48 VDC
Current Consumption	about 30 mA @12VDC
Audio Indication	internal LED and Buzzer
Dimension	77 x 42 x 15 mm
Working Temperature	-20 ~ 70 Deg C
Storage Temperature	-30 ~ 80 Deg C
Operating Humidity	10% ~ 90%

* Specification is subject to change without notice.

Pin Assignment:

Red	VCC: Power input: 10~48 VDC
Black	GND: Power Ground
Blue	1-Wire Data In/Out
Purple	To next 1-Wire Device
White	RS232 TX
Yellow	RS232 RX

Features:

- Frequency: 13.56MHz
- Read UID of ISO 14443A Mifare, DESFire, Ultralight card
- Support data output interface: 1-Wire, RS232
- Support the other 1-Wire input interface
- Available to install on metal surface
- Available to install in different vehicles
- Water Resistant