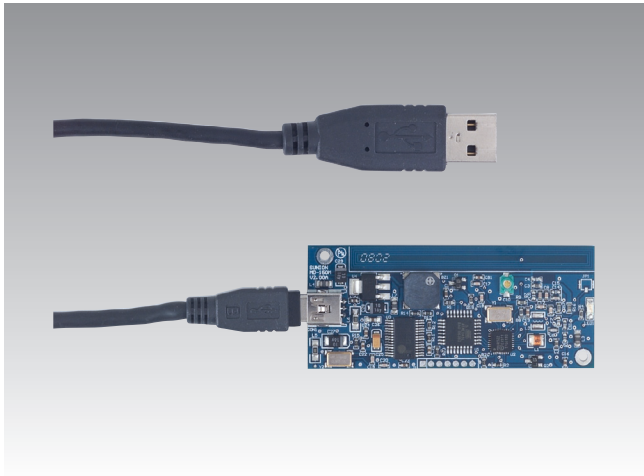


# MD-150M

## High Performance RFID Reader



### Features

- Ease in evaluation
- Quicker time to market
- Long reading range and small dimensions
- Potted for environmental protection
- Externally programmable interface
- Weather resistant

### Introduction

Sunion MD-150 series RFID readers are high performance proximity readers featuring long range and small dimensions. The same basic unit can be configured to output most of the common interface formats, including Wiegand, Magstripe, Clock / Data and RS232 serial ASCII output, making it easy to upgrade existing installations.

### Specifications

RF Transit Frequency	13.56 MHz
Supported Transponder	Mifare_UltraLight, Mifare_One (S50), Mifare_One (S70), Mifare_Pro (X), Mifare_DESFire
Maximum Reading Range*	30 mm
Typ. Reading Time	150 ms
Power Supply	DC 5V / 500mA Regulated
Power Consumption	mA in operation
Communications Parameters	9600 baud, 8 data bits, no parity, 1 start bit, 1stop bit
Operating Temperature	0° C ~ 55° C
Storage Temperature	-25° C ~ 85° C
Storage Humidity	5 ~ 95% RH non-codensing
Communications Interface	Mini USB
Mother Board Dimension	70 mm × 30 mm × 6.5 mm (L × W × H)
Weight	7.5 g ±1%
Others	1status indicators, 1 Buzzer Antenna on board or external (option)

\* Reading range may vary in depend on different transponder type.

### Ordering Information

Part Number	Description
9680007135	High Performance RFID Reader