

# LRM001

LoRa® Mini PCIe, 433/868/915MHz

Range : 7Km

## Features

- . Mini PCI Express form factor
- . 2 u.FL antennas to support 433 or 868 or 915MHz
- . Range 7KM
- . FTD® 232HL

## Specification

- . Compliant with LoRa®
- . Mini PCI Express form factor
- . 2 u.FL antennas to support 433 or 868 or 915MHz
- . Range 7KM
- . Data rate 1k bps
- . Network type: Star
- . Standby current: 0.1mA
- . Rx current: 12ma
- . Microchip® RN2483 LoRa®
- . FTD® 232HL
- . RF Output power (maximum) 20dbm
- . Receiver sensitivity: -130 dbm
- . Support Win 7 and Window 10
- . Support Linux : Ubuntu 12.04
- . Hardware LoRa® reset
- . Dimension: 50 x 29 x 9 mm



## Interface

|           | LRM001     | LRM002     | LRM005     |
|-----------|------------|------------|------------|
| Mini PCIe | ✓          |            |            |
| Full Size |            |            |            |
| USB 2.0   | ✓          |            |            |
| UART      |            | ✓          |            |
| M.2       |            |            | ✓          |
| 433M or   | ✓Model 433 | ✓Model 433 | ✓Model 433 |
| 868M or   | ✓Model 868 | ✓Model 868 | ✓Model 868 |
| 915M or   | ✓Model 915 | ✓Model 915 | ✓Model 915 |

### Model Lists:

|            |                             |
|------------|-----------------------------|
| LRM001-433 | <i>Mini PCIe USB 433MHz</i> |
| LRM001-868 | <i>Mini PCIe USB 868MHz</i> |
| LRM001-915 | Mini PCIe USB 915MHz        |
| LRM002-433 | UART 433MHz                 |
| LRM002-868 | UART 868MHz                 |
| LRM002-915 | UART 915MHz                 |

### Common Specification:

|                       |               |
|-----------------------|---------------|
| Operating Humidity    | 5% ~ 95% RH   |
| Operating Temperature | -20° C~ 60 °C |
| Storage Temperature   | -20° C~ 80 °C |

### Packing List

u. FL Antenna Cable  
433 or 868 or 915MHz Antenna



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\*All specifications are subject to change without notice.