# Sigfox Node RS485 Modbus Master WSSFC-MB485

**SKU: WSSFC-MB485**

**Doc No**: WSSFC-MB485-DS-EN-10

## Introduction

WSSFC-MB485 is a Sigfox node with RS485 port support ModbusRTU Master allow data reading from water meter, flow meter, power meter, gas meter, flow computer...  It can support all regions of Sigfox network in over the World, RC1, RC2, RC3, RC4, RC5, RC6, RC7.

- Support RS485 ModbusRTU;
- Sigfox Ready;
- Plug & Play.

## Typical Applications

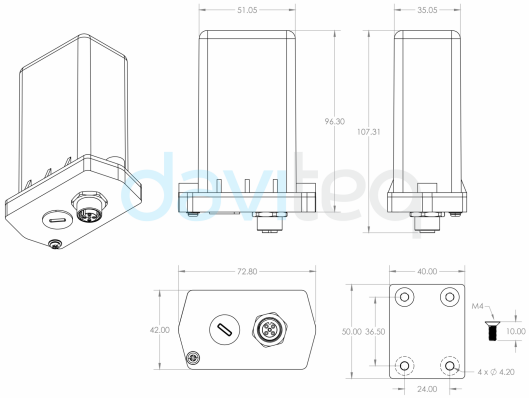
- Read data from water meter, flow meter, power meter, gas meter, flow computer...via RS485 / ModbusRTU port

**SIGFOX NODE RS485 MODBUS MASTER**
**WSSFC-MB485**



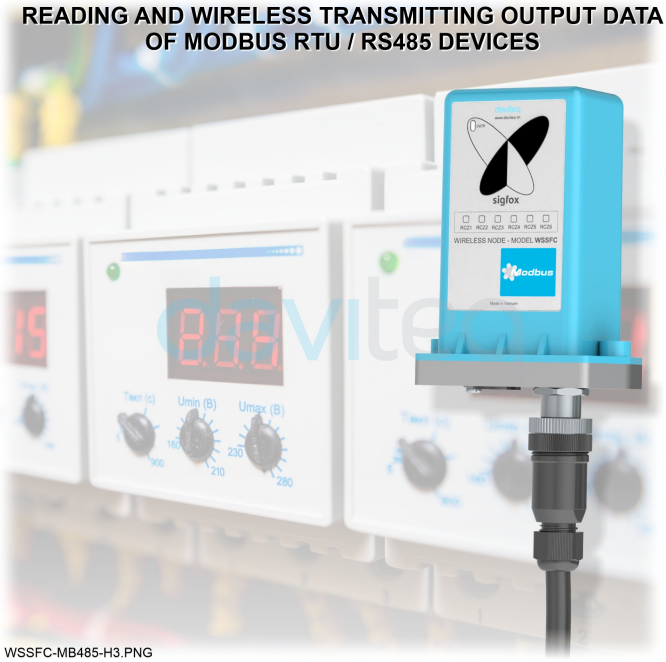

WSSFC-MB485-H1.PNG

**DIMENSION DRAWING OF WSSFC-MB485**
(Unit: mm)




WSSFC-MB485-H2.PNG

**READING AND WIRELESS TRANSMITTING OUTPUT DATA OF MODBUS RTU / RS485 DEVICES**




WSSFC-MB485-H3.PNG

## Specification

| | |
|---|---|
| Communication | RS485 |
| Slave Support | 1 Slave |
| Baud rate | max 19600 |
| Electrical connector | M12-female, 4-pin A-coding |
| Sigfox zones | select RC2-RC3-RC4-RC5 or RC1-RC6-RC7 |
| Antenna | Internal Antenna 2.67 dbi |
| Configuration | via offline USB cable (PC software is supplied at free) |
| Power Supply | 7-48VDC |
| RF Module complies to | CE, FCC, ARIB |
| Working temperature | -20 .. + 60 degC / 95%RH, non-condensing |
| Dimensions | H110xW73xD42 |
| Net-weight | 200 grams |
| Housing | Polycarbonate, IP67 |
| Mounting | Wall mount bracket |

## Ordering Code

| **Item code** | **Descriptions** |
|---|---|
| WSSFC-MB485-9-01 | SIGFOX NODE RS485 MODBUS MASTER, 7-48VDC, IP67, M12 CONNECTOR, INTERNAL ANTENNA, IP67, RC2-RC3-RC4-RC5 ZONES |
| WSSFC-MB485-8-01 | SIGFOX NODE RS485 MODBUS MASTER, 7-48VDC, IP67, M12 CONNECTOR, INTERNAL ANTENNA, IP67, RC1-RC6-RC7 ZONES |

⚠ Link for full datasheet: https://filerun.daviteq.com/wl/?id=JqqTt5X2AWyGALKHovNhD98nf7SBUfUJ

⚠ Link for manual:

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