

Wireless RTU Slave Models, RS485 2 wire MODBUS Slave port



Features

- RS485 2 wire MODBUS Slave port
- 0.96" Display Resolution ratio : 128 x 64
- Wireless external antenna Frequency : 856 - 876 MHz
- IP65
- -10 to 70°C working temperature range

Specifications

System

Wireless / Connectivity	Wireless external antenna
Frequency	856 – 876 MHz
Gain	2.5 dBi
Impedance	50 ohms
Power rating	2W
Antenna connector type	SMA male
Temperature range	- 40°C to + 85°C

Power

Power Supply	24V (18V to 30V) with Reverse protection and ESD protection
Digital Inputs	Two digital input [bidirectional input (DC)]; 5mA Max Current draw (at 30V)
Analog input	Two analog input; Current Mode 4 to 20 mA and Voltage Mode 0 to 10V input range [12 bit] resolution

I/O

Primary Communication	RS485 2wire MODBUS Slave port with 115k baud 500 mtr between nodes
4 keys	To start LCD display from sleep mode, and for configuring unit
OLED Display	Display size: 0.96" Resolution ratio:128 x 64
Pulse Output	04/08/12 pulse outputs with Pulse time adjustable On board drivers for control of pulse outputs

Environment

Operating Temp. IP65	-10°C to 70°C working temperature range Protected from total dust ingress Protected from low-pressure water jets from any direction
Humidity	10 to 90% [Non-Condensing]

Physical

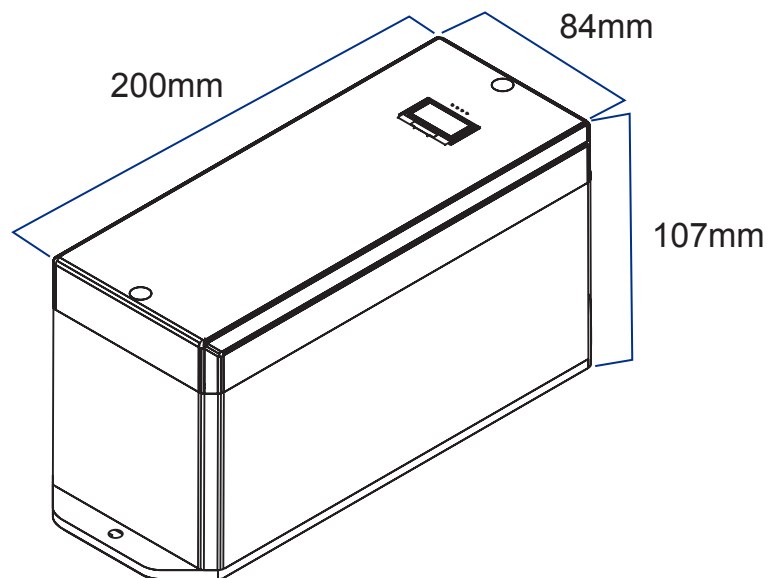
Mounting	Wall mount
Dimensions (W x H x D) (mm)	84 x 200 x 107
Enclosure	plastic Enclosure

■ Product I/O View

MiRTU-LR



■ Mechanical Drawings (Unit = mm)



■ Hardware Configuration

Model	V02 D00A00 GK	V02 DI2AI2 GK	V04 D00A00 GK	V04 DI2AI2 GK	V06 D00A00 GK
Pulse outputs	4	4	8	8	12
Analog input	NA	2	NA	2	NA
Digital Input	NA	2	NA	2	NA
Battery voltage measurement	yes	yes	yes	yes	yes
OLED display Interface	yes	yes	yes	yes	yes
4 Keys Keypad	yes	yes	yes	yes	yes
GLN Output	4 Core 5 Core	4 Core 5 Core 6 Core	8 Core 5 Core	8 Core 2 Core 6 Core	12 Core 5 Core

■ Ordering Codes

Model Number	Description
MiRTU-LR	RS485 2 wire MODBUS Slave port, 0.96" Display Resolution radio : 128 x 64 Wireless external antenna Frequency : 856 - 876 MHz

MIRTU-LR-07-07-2026