

# KinCony energy meter RS485 modbus protocol

## Communication parameters:

Modbus-RTU:

Baud rate: 9600bps

Data bits: 8

Stop bits: 1

Parity: EVEN

Modbus read function: 03

Register address	data	IEEE-754	function
0x00,0x01	Power consumption (kWh)	Float	Read
0x64,0x65	Voltage (V)	Float	Read
0x6A,0x6B	Current (A)	Float	Read
0x76,0x77	Power (kW)	Float	Read
0x8E,0x8F	Power Factor	Float	Read
0x90,0x91	Frequency (Hz)	Float	Read

## How to change meter ID.

for example: change ID:01 to 20 just send command:

01 10 0D B0 00 01 02 00 14 60 AF

first (01) current ID

(14)hex is (20) decimal

60 AF (CRC)

## **ID:1 meter modify "parity" to**

01 10 0D B7 00 01 02 [00 00] (61 17) None

01 10 0D B7 00 01 02 [00 01] (A0 D7) ODD

01 10 0D B7 00 01 02 [00 02] (E0 D6) EVEN

( ) is CRC code [ ] is different setting

## **ID:1 meter modify "Baud rate" to**

01 10 0D B6 00 01 02 [12 C0] (6C 36) 4800bps

01 10 0D B6 00 01 02 [09 60] (66 B3) 2400bps

01 10 0D B6 00 01 02 [04 B0] (63 B2) 1200bps

01 10 0D B6 00 01 02 [25 80] (7B F6) 9600bps

( ) is CRC code [ ] is different setting