

How to connect WM-Bus meter to 2N® SmartCOM PRO (ETH)?

tested with 2N® SmartCOM PRO ETH equipped 868MHz WM-Bus module and WM-Bus meters using WM-Bus T mode.

- Check in which mode your 2N® SmartCOM PRO ETH works. (1 - T1; 3 - S1; 8 - C1; 11 - T1+C)

at^scwmbus?

^SCWMBUS: "MODE",1

- Sniff your meter (if you don't know SN, VER, DEV), tested 2N® SmartCOM PRO ETH found three WM-Bus meters

at^scwmbus="sniff"

CONNECT

^SCWMBUS: "BMP",14134845,31,08,-1,-70dBm

^SCWMBUS: "BMT",14166346,0A,07,-1,-78dBm

^SCWMBUS: "BMP",15800058,51,08,-1,-72dBm

DISCONNECT

OK

- Add your WM-Bus device to 2N® SmartCOM PRO ETH

at^scwmbus="dev_add","BMT",14166346,0,0A,07 - if 0 is set, all messages received from the meter are stored (minimum interval in seconds between two readings range 0 - 600)

OK

- Check your meter in table

at^scwmbus?

^SCWMBUS: "DECRYPT",0

^SCWMBUS: "MODE",1

^SCWMBUS: "RF_CHANNEL",1

^SCWMBUS: "PREAMBLE_LEN",0

^SCWMBUS: "INSTALL_MODE",0

^SCWMBUS: "MODULE_TYPE","RC1180-MBUS3,2.00,3.14"

^SCWMBUS: "CF_DISCARD",0

^SCWMBUS: "DEV_CNT",1

^SCWMBUS: 1> "BMT",14166346,0,0A,07

OK

- To accept the data just from predefined meters the install mode has to be set to value "0" (^SCWMBUS: "INSTALL_MODE",0)



■ Results

at^sodata="get_oldest",2

^SCDATA: "WMBUS",1467636148,17096,-66,20,"44B409466316140A077A950800000C1305000000"

^SCDATA: "WMBUS",1467636181,17097,-66,20,"44B409466316140A077A960800000C1305000000"

More product information:

2N[®] SmartCom (Official Website 2N)

2N[®] SmartCom PRO (Official Website 2N)