

# Need more help?

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More instructions on the other page

Connections  
PI-900S/T



FAQ



## Connections PiiGAB M-Bus 900S/T

**PiiGAB**  
PROCESSINFORMATION

### Connect with the PiiGAB M-Bus 900

- 1) Connect to the Ethernet 1 and the power supply.
- 2) Wait to the Pwr-LED to become constant red.
- 3) Read the gateway's MAC-address at the right gable. The MAC-address has the format: E8-99-5A-XX-XX-XX.
- 4) Start the application PiiGAB M-Bus Setup Wizard.
- 5) For initial contact there are three different possibilities:
  - a. DHCP with router: Computer and gateway will be assigned with an IP-configuration automatically.
  - b. Direct connection: Assign computer to 192.168.10.1 and connect directly to the Ethernet 1 connection. Wait a minute after start and the gateway will be set to randomize IP between 192.168.10.3 – 192.168.10.253.
  - c. Static network: Assigning the gateway to a specific address in the Wizard.
- 1) Turn on the gateway.
- 2) Start Wizard and from the main menu select Change gateway's IP-settings
- 3) Specify the gateway's MAC-address and press Next.
- 4) Specify the IP-address, press Next and press Apply.
- 5) The gateway will restart, ignore any error messages in the Wizard.
- 6) Select Find gateways on the network from the main menu in the Wizard.
- 7) Double click on the PiiGAB M-Bus 900 in the list and start its web interface.
- 8) Accept/add the security exception.
- 9) Default login name and password are found on the left side of the gateway.

### Assign an IP-address in the web interface

- 1) Open the PiiGAB M-Bus 900's web interface.
- 2) Go to Configuration.
- 3) Assign an IP-configuration for the gateway.
- 4) Press Save Ethernet Settings, the gateway will reboot.

### Test communication with one M-Bus meter

- 1) Start the PiiGAB M-Bus Setup Wizard and choose Test search and configure meters, press Next.
- 2) Specify the gateway's IP-address, port 10001 and UDP, press Next.
- 3) Select Find meter's primary and secondary address.
- 4) Specify primary address 251 and press Find. The internal M-Bus meter in the PiiGAB M-Bus 900 should respond.
- 5) Specify primary address 254 and press Find. The M-Bus meter should respond. Read the meter's actual primary address. Note: You can only have one M-Bus meter connected when using primary address 254.
- 6) Specify primary address actual primary address and press Find. The M-Bus meter should respond.

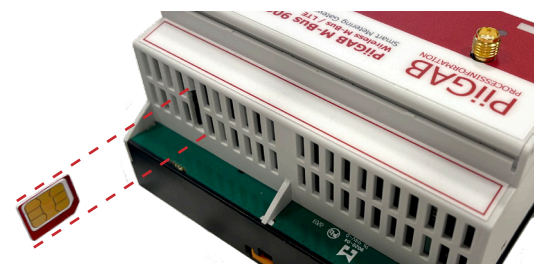
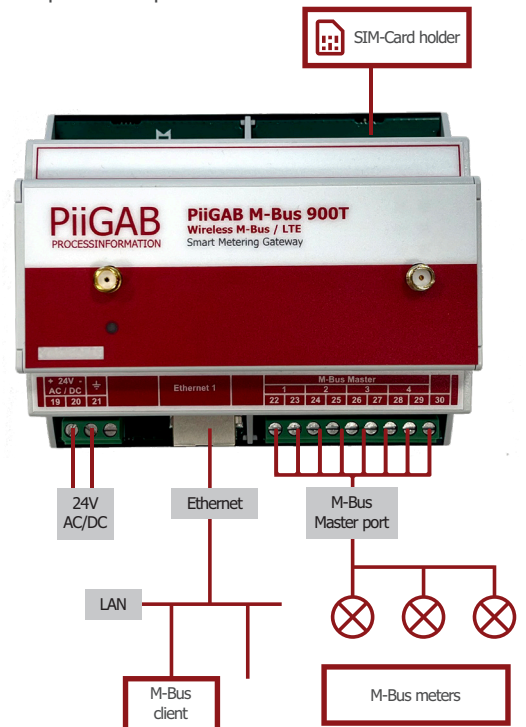
### External antennas

The gateway comes with two different antennas. It's important that they are placed in the right position. The small one (Wireless M-Bus) on the left and the large one (LTE) on the right.

### SIM-Card installation

If you ordered your gateway together with PiiGAB SIM-Card service you can ignore this steps.

- 1) Insert the SIM-Card in the sim card holder on the top side. See detailed image below
- 2) In the menu of PiiGAB interface go to "Installed Software" and choose "GSM/LTE" in the drop-down menu.
- 3) In "LTE Options" choose "Always UP" and press "Submit"
- 4) Choose your SIM-Card provider in the list and press "Set provider."



**PiiGAB**

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Search for meters



Example of initial contact



Setup MBus2Modbus

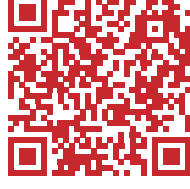


Install software



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We are of course also on LinkedIn, search on PiiGAB.



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Månadens produkt:  
Repeaters

Här du står ett få sekunder på ett  
arbetsprojekt  
Är det inte tillräckligt för att  
du ska kunna lösa problemet  
så är det här den bästa lösningen  
för dig.

Den 15-16  
Populära  
Här du står ett  
la kontakt med  
förfrågansformuläret

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