

SYSTEM OVERVIEW



The Anybus M-Bus to Modbus-TCP gateway allows M-Bus devices to communicate on a Modbus-TCP network. The gateway decodes M-Bus telegrams making it possible to map meter values to Modbus registers. This enables central control and supervision of measuring devices which usually use the M-Bus protocol.

Make M-Bus measuring devices talk TCP/IP

The HANBIT M-Bus to TCP gateway decodes M-Bus protocol for easy overview and mapping of meter values. You can connect several M-Bus slaves to the gateway and enable them to communicate on a TCP network.

What you get:

- Get data on your consumption of electricity, water or gas onto TCP (or any industrial other network).
- Enable total overview of your site's consumption, including building parameters (electricity, water, gas etc.)
- Easy web-based configuration tool. No programming required.
- No hardware or software changes are required for the connected M-Bus device.

Easy configuration

The accompanying web-based configuration tool allows you to set up the gateway in an easy-to-use web interface. No programming is necessary.

TECHNICAL SPECIFICATIONS

Technical Details

Operating Frequency : 433/865/868/915MHz
 Dimensions (L•W•H) : 146 • 107• 36 mm
 Protection class : IP67
 Enclosure material : Plastic
 Data rate : 300 to 19 200 bps
 Max number of M-Bus loads : 250
 Mounting : Pole/Clamp/Direct on Wall
 Connectors M-Bus : Screw terminal, max. 2.5 mm²
 Connector Ethernet : 100 MBit, RJ45, shielded
 IP-address : Configurable or via DHCP

Electrical Characteristics

Power supply : 230VDC (Optional Battery Operated)
 <max. 2.5 mm²

Current consumption : Max 300 mA

Environmental Characteristics

Operating temp : 0 to 50 °C

Connect to other networks with Anybus X-gateways:

Network : Order no
 CANopen Slave : AB9004
 CC-Link Slave : AB9009
 ControlNet Adapter : AB9003
 DeviceNet Adapter : AB9002
 EtherCAT Slave : AB9000
 EtherNet/IP Adapter : AB9006
 Modbus RTU Slave : AB9005
 PROFIBUS Slave : AB9001
 PROFINET-IO Device : Ab9007

Typical Industries

