

M-Bus Gateway (CG-100)

Universally connects from any M-Bus device

Effortless automatic installation and configuration

Plug and play to easily add and remove devices

Scalable up to 250 M-Bus devices

State of the Art M-Bus integrity check (Patent Pending)

Automatically stores data in multiple formats

User defined data collection schedule

Data transferred to multiple end-points at selectable time

Integrated Compact Design



APPLICATIONS

Add smart and secure communication capabilities to your Internet of Things (IoT) Infrastructure

Remote reading of electricity, heat, water, and gas meters

Problem detection and diagnosis through web-based interface



GATEWAY FEATURES



Embedded Web-based configuration

TCP / IP and UDP / IP

Fixed IP addressing (Static) or dynamic addressing (DHCP) supported

Compatible with all Lynked nodes

Auto-search and Auto-detect meters with list generation

SNMP for network monitoring

Remote firmware updates

Configurable data storage, logging and transport

Individual readings of residential and commercial units

SPECIFICATIONS



Communication interface for the integration of end devices

Power included: Self-contained low-voltage power adapter included (24VDC)

M-Bus per EN 13757-2, screw type terminal

Ethernet 1000 Mbps

Galvanic separation from the M-bus and RJ45

Supported protocols include: SFTP, FTP, SCP, and NTP



M-BUS FEATURES

Baud rates: 300 up to 9600

Overcurrent and short-circuit bus protection

Echo cancellation and break signalling



SECURITY

Strong AES Encryption of data in Motion

Multi-level authorization

Password protected authentication control

RSA and DSA cryptographic key based access

