

AMBILL® Smart Link II

Wireless M-Bus to Wired M-Bus Converter



Applications

AMBILL® Smart Link II is a small device which converts wireless M-Bus signals into a wired M-Bus

AMBILL® Smart Link II handles different wireless M-Bus protocols (mode T1/T2 and C1) in the ISM band (868 MHz) for water, heat, cooling, gas and electricity meters.

AMBILL® Smart Link II is configurable. Configuration is performed with a dedicated application software, using either an USB wireless M-Bus dongle or the wired M-Bus network. Both setup of the connected meters, communication modes and encryption level can be configured.

Features

Bidirectional wireless communication link

Fully supports wired M-Bus (EN 13757-3)

Fully supports wireless M-Bus (EN13757-4)

Compact design allowing easy installation and flexible placement in the tight spaces

0.5 m wire for wired M-Bus

One M-Bus converter handles up to 4 individual meters

Configuration

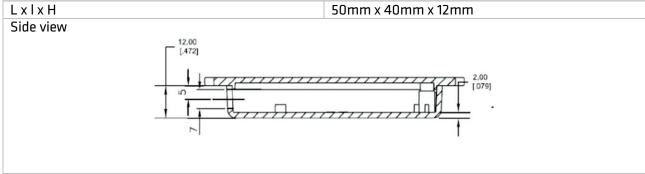
Up to 4 meters can be configured individually

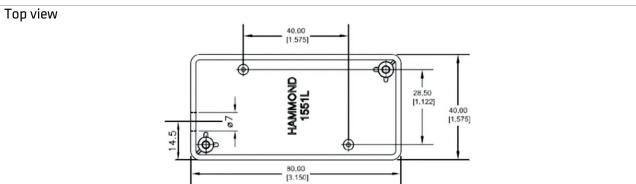
Settings for wireless M-Bus devices of type gas, water, heat or electricity are supported Setting of unique device ID supported

Individual and configurable encryption AES keys for virtual meters and configuration interface

Firmware upgrade capability / SW-upgrade over wired M-Bus

Quick and simple installation procedure of wireless connections





| Protocols | |
|---------------------------|--------------------------------------|
| OMS | Version 3 and 4 |
| DSMR | 2.2 and 4.x |
| Reporting | RAW reported available |
| Unencrypted | Supported |
| Radio | |
| Frequency | ISM 868 MHz |
| Supported Modes | T1/T2 and C1 |
| Radio range | up to 300 meters LOS (Line of sight) |
| Power | 7 M-Bus loads |
| Output power | +10 dBm |
| Sensitivity | -95 dBm |
| Operation conditions | |
| Ambient temperature range | -25°C - +55°C |
| Protection Class | IP 54 |
| Approvals | |
| EMC | DIRECTIVE 2014/30/EU |
| RED | DIRECTIVE 2014-53-EU |
| RoHS2 | DIRECTIVE 2011/65/EU |
| REACH | EC 1907/2006 |
| WEEE | DIRECTIVE 2012/19/EU |

Dimensions