# isHMuxGate

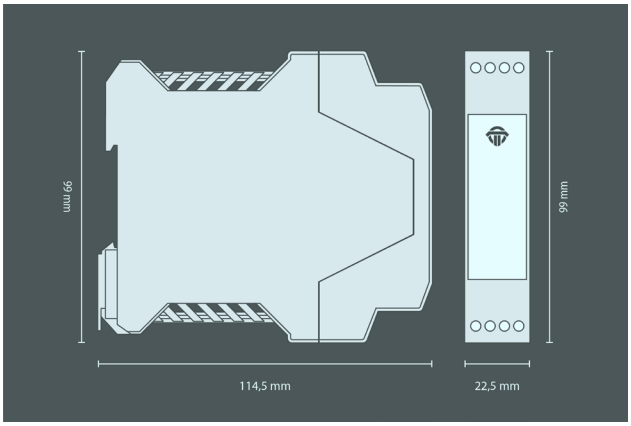
## HART-IP Gateway

The HART-IP gateway isHMuxGate is an ideal solution for retrofitting HART networks with Ethernet. It makes this possible without the need to replace existing RS485 HART multiplexers commonly used in HART networks. This guarantees minimal wiring effort and saves existing investments.

Through the seamless translation of the different HART multiplexer protocols to HART-IP, the network can be enabled for the requirements of the future. The isHMuxGate is therefore ideally suited for engineering tasks, asset management solutions such as NAMUR Open Architecture (NOA) and field device access via FDI and FDT.




| Technical data | |
|---|---|
| Processor | ATSAMA5D27C |
| RAM | 64 MByte or 128 MByte |
| Flash | 256 MByte |
| Transmission rate | Ethernet: 10 Mbit/s – 100 Mbit/s<br>RS-485: 9,6 kBit/s, 19,2 kBit/s, 38,4 kBit/s |
| Power supply | 10,8V .. 30V DC |
| Power consumption | 50mA (typ. at 24V DC) |
| Galvanic isolation | yes |
| Protection class | IP20 |
| Body material | Polyamide |
| Dimensions (L x W x H) | 114,5mm x 22,5mm x 99mm |
| Weight | approx. 110g |
| Operating temperature | - 40 .. 70°C / - 40° F .. 158° F |
| Storage temperature | - 40 .. 85°C / - 40° F .. 185° F |
| Order code | 14400-0101 |




**Currently supported and tested multiplexers:**

- Hport, Arcom Control Systems
- MTL4841/50 Multiplexer, Measurement Technology
- KFD2-HMM-16, Pepperl Fuchs
- MUX2700-G, Pepperl Fuchs
- IS pac 9192 16/32 ch, Stahl
- GMI 5700 HART Mux
- Elcon Instruments Mux 2700-F
- Stahl I.S. 1 Remote I/O

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