

Expand your gateway

HUB-IO100

APPLICATIONS:

- Extension of an in.hub gateway by additional interfaces
- Lean management
- Process control
- Cost efficiency

The HUB-IO100 extends your HUB-GM200 or HUB-GM400 gateway with additional interfaces. Connected to the master gateway via Ethernet or backplane bus, the number of interfaces can be increased almost arbitrarily by using one or more HUB-IO100. The user-friendly, graphical web interface of the in.hub's own IoT operating system SIINEOS facilitates configuration and commissioning, as well as access to your data. The HUB-IO100 can be easily integrated into a network (via LAN, WLAN, LTE) and connected to higher-level systems through numerous software interfaces. Thus, the HUB-IO100 is also able to work as a stand-alone device and „data collector“ if you have already integrated a system for signal processing and visualization - if not, the HUB-GM200 or HUB-GM400 together with SIINEOS will take over this task.



area

Specifications

Processor	NXP® i.MX 6ULL
Memory	RAM: 256 MB DDR3L (16 Bit), Flash: 512 MB SLC NAND
Power supply	24 V DC, ~100 mA
Interfaces	12 x DIN (Digital Input), 6 x DIO (Digital Output), 6 x AIN (Input) und 2 x AO (Analog Output) USB host (Micro USB) USB device (USB-A) Ethernet 10/100 Mbit with IEEE 1588 3 x Status LEDs backplane bus
Operating system	IIoT operating system SIINEOS for configuration and data visualization (via Micro-USB or Ethernet)
Temperature range	Storage: -40 °C to 85 °C Operation: 0 °C to 50 °C
Relative humidity	Storage: 10 to 95 % RH non-condensing Operation: 20 to 90 % RH non-condensing
Protocols	OPC UA, MQTT, Modbus TCP/IP
Dimensions Weight	139 mm x 100 mm x 25 mm 149 g
Protection class	IP20