

IN.HUB GMBH: HUB-GM100



Physical Properties

Programming Interface	Incore SDK
Switchboard Installation (DIN rail mounting)	Yes
Device Size	(125 x 110 x 18) mm
Weight	100g
IP Class 1st Digit	2 - Protected against solid objects over 12.5mm e.g. hands, large tools.
IP Class 2nd Digit	0 - No protection
Operating Temperature	0°C / +50°C
Storage Temperature	-40°C / +85°C
Operating Humidity	max. 80% non-condensing
Storage Humidity	max. 80% non-condensing

Electrical Characteristics

External Voltage	24 V DC +/- 10%
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System Characteristics

Processor	TI Sitara AM3352 32-Bit ARM Cortex-A8
Flash	8 GB eMMC
RAM	1GB DDR3L RAM

Connectivity

Ethernet	Yes
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I/O

RTC	Yes
Number of Ethernet Ports	2
Data transfer rate of Ethernet Port(s)	<ul style="list-style-type: none">• 1 Gbps• 10/100 Mbps
USB	Yes
RS 485	Yes
CAN	Yes
Digital In	2
Digital Out	2
Analog In	2
Supported Analog Inputs	<ul style="list-style-type: none">• 0...10V• 4...20mA
Others	1 x Relay no/nc (48V/0,5A)

Protocol Layers / Frameworks

Modbus TCP	Yes
CAN-Bus	Yes
CANopen	Yes



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Certification

CE	Yes
RoHS	Yes
WEEE	Yes
WEEE valid for	DE

Cloud of Things

Connectivity with CoT	MQTT
SmartREST	Yes
SmartREST Prefix	<MAC address of device>

Safety and Security

TLS	1.2
Encryption mechanisms	AES

Contact

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