



IoT Gateway for mobile applications

Powerful and mobile suitable Linux based IoT gateway.
Due to the LTE data connection capability, even large amounts of data can be transferred quickly.
An extensive remote access, up to software updates and online diagnosis can be realized.

The powerful and modular controllers of Inter Control enable an easy remote access by using standard protocols such as OPC UA. They also offer a lot of memory to store logging data. The Plug&Play IoT gateway is the perfect completion to realize remote access. Herewith service functions or new, cloud based business models can be provided. The controllers of the digsy fusion family, in combination with the powerful 4G IoT gateway is the perfect combination for a multiplicity of applications.

Technical data / Order information

Product	owa41A (Global LTE Cat.4)	owa450 (Global LTE Cat.1)
Part number of M2M Germany GmbH	5128 (Inter Control version)	5127 (Inter Control version)
Processor / Clock rate	Cortex A8 / 800 MHz	Cortex A8 / 800 MHz
RAM	512 MB DDR3	512 MB DDR3
FLASH	1 GB NAND SLC	1 GB NAND SLC
Micro SD-Card Slot	✓	✓
Acceleration sensor	✓	Optional
Digital I/O's	Up to 10	Up to 10
Analog inputs	Up to 4	Up to 4
Kline	✓	✓
Antenna connector	FAKRA	SMA
Ethernet (RJ45)	✓	✓
CANbus interface	✓	Optional
Battery	Optional	Optional (2000 mAh)
Long-Life battery	Optional	-
WiFi / Bluetooth	Optional	Optional
Environmental protection	IP67	IP40

General:

- Operating voltage: 9 ... 36 V
- Operating temperature: -40°C ... +85°C
- Storage temperature: -40°C ... +85°C
- Dimensions owa41A: appr. L=149 x W=135 x H=58 mm
- Dimensions owa450: appr. L=150 x W= 94 x H=32 mm
- Weight owa41A: appr. 385 g
- Weight owa450 : appr. 254 g

Sales and support:
www.m2mgermany.de