



MIN01 minion® IoT sensor system configurator

Order by 2 pm - Shipping on the same working day

0,00 €

Overview

- Configure your customised IoT sensor solution with ease right here
- Your minion IoT sensor system consists of: Sensor, gateway (data transmission), power supply, cloud platform, additional services and your preferred payment option
- Simply follow a few configuration steps to customise your solution and place all the modules of your minion IoT sensor system in your shopping cart
- Start your IoT journey today!

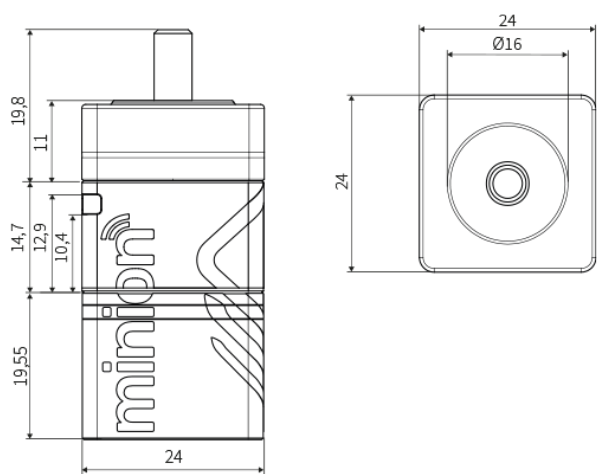
In daily use - proven millions of times over. Products from autosen are under highest quality requirements regarding robustness, insensitivity and reliability.

We offer 5 years warranty - with money-back guarantee!

www.autosen.com/MIN01

Direct link to the article on autosen.com

Dimensional drawing



Mobile communications

Sim card	iSIM
Transmission standard	LTE CAT NB 1/2
Frequency band	B1(2100); B3(1800); B8(900); B20(800); B28(700)
Maximum Permissible Exposure	20 cm
Transmission power	Depending on the frequency band max +23dBm
protocol	Lightweight Machine to Machine (LwM2M) V1.1

Inductive wake-up interface

Usage type	Activate the Bluetooth service interface by applying a magnetic field to the communication minion. No data transmission.
Frequency band	13.56 MHz (Only the power is used. No data is processed.)

Communication

Communication interfaces	LTE CAT M1, Bluetooth Low Energy, UART NB-IoT
Measurement trigger	Time-controlled, manual triggering, event-based triggering
Measurement sensor	The communication minion does not contain a transducer. Measurements are carried out by the minion sensor connected to the communication minion. However, the communication minion initiates the measurements as specified under "Measurement trigger".
Parametrisation options	LwM2M via LTE

Electrical data

Operating voltage	3 V DC
Protection class	III
Reverse polarity protection	Yes

Mechanical data

Weight	0,008kg
Material	PBT

Ambient conditions

Ambient temperature min.	-40°C
Ambient temperature max.	80°C
UV resistivity	UV stress according to ISO4892-2 method A (cycle 1), 1000h
Protection rating	IP67 is achieved when assembled.



Additional information

Function display	2x RGB LED, controlled together
EMC test	EN 301489-1
	EN 301489-17
	EN 301489-52
	ETSI EN 301 489-19
Shock resistance test	DIN EN 60068-2-27
Vibration resistance test	DIN EN 60068-2-6
Wireless test	ETSI EN 301908-13
	ETSI EN 300328
	ETSI EN 301908-1
	ETSI EN 303 413
Safety test	EN 62368-1
Scope of delivery	An instruction leaflet
	Radio Certification



Accessories: Mounting accessories for minion



AA993

Adhesive adapter for M5
vibration sensors

Unit price: 4,85 €*



AA994

Magnetic adapter for M5
vibration sensors

Unit price: 35,65 €*

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