



TOSIBOX® 4G Modem

Intelligent

TOSIBOX® 4G Modem delivers an LTE internet connection to TOSIBOX® Lock. The TosiOnline™ functionality minimizes downtime through the Lock's intelligent automatic reconnect and error recovery technology.

Industry Grade

TOSIBOX® 4G Modem is designed for industrial environment. With its industrial hardware design, DIN rail mounting and SMA antenna connector, the TOSIBOX® 4G Modem can easily be installed into the existing infrastructure.

Efficient

Power is supplied through the USB port, eliminating the need for an external power supply.

Cost-effective

The TOSIBOX® 4G Modem also offers a serial port with an AT command interface which enables for example the sending and receiving of SMS messages. The APN configuration is automatically handled by TOSIBOX® Lock.



Advantages of TOSIBOX®



Simple

Build and manage secure IoT infrastructure in minutes



Secure

Tested & audited security



Modular

Unlimited expandability and flexibility



Timeless

Deals with legacy and future systems



Unique

Globally patented point-to-point connection

4G Modem Technical Data

Product code

TB4GM2EU

Modem requires Lock software version 3.1.1 or later

- Supported bands
 - FDD LTE:B1/B3/B5/B7/B8/B20 (2100/1800/850/2600/900/800)
 - UMTS B1/B5/B8 (2100/850/900)
 - GSM 850/900/1800/1900MHz
- LTE downlink speed max. 100 Mbps
- LTE uplink speed max. 50 Mbps
- HSPA+ downlink speed max. 42 Mbps
- HSPA+ uplink speed max. 5.76 Mbps
- Automatic APN configuration via TOSIBOX® Lock
- Sending and receiving SMS using AT commands
- Intelligent automatic reconnect and error recovery with TosiOnline™ technology
- USB 2.0 High Speed interface, mini-USB connector
- 2x SMA antenna connectors
- RS-232 serial interface
- SIM card slot
- Power on / data LED
- DIN rail or wall mounting
- Aluminium casing, sealing IP20
- Operating temperature: -25°C ... +70°C / -13 °F ... +158°F
- Storage temperature: -40°C ... +70°C / -40 °F ... +158°F
- Dimensions: 90 mm x 55 mm x 25 mm / 3.54" x 2.17" x 0.98"
- Weight: 124 g / 0.27 lbs

Product code

TB4GM2AU (Lock 200 only)

Modem requires Lock software version 3.2.0 or later

- Supported bands
 - FDD LTE:B1/B2/B3/B4/B5/B7/B8/B28 (2100/1900/1800/1700/850/2600/900/700)
 - UMTS B1/B2/B5/B8 (2100/1900/850/900)
 - GSM 850/900/1800/1900MHz
- LTE downlink speed max. 150 Mbps
- LTE uplink speed max. 50 Mbps
- HSPA+ downlink speed max. 42 Mbps
- HSPA+ uplink speed max. 5.76 Mbps
- Automatic APN configuration via TOSIBOX® Lock
- Sending and receiving SMS using AT commands
- Intelligent automatic reconnect and error recovery with TosiOnline™ technology
- USB 2.0 High Speed interface, mini-USB connector
- 2x SMA antenna connectors
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TOSIBOX®
Simplifying IoT