

REBOTNIX[®]
INDUSTRIAL A.I. SOLUTIONS

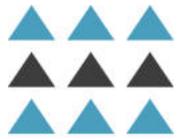
ADDON - LTE

DOCUMENT VERSION 1.0



SKU: RB_AOLTE8

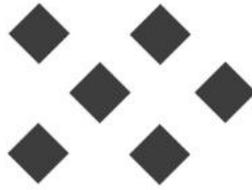
ABOUT ADDON - LTE (M8)



The LTE Add-On by REBOTNIX provides reliable mobile connectivity in a compact, ruggedized package – designed for demanding environments where stable wide-area communication is essential.

At its core is a high-performance LTE module supporting multiple frequency bands and data rates up to 150 Mbit/s via 4G LTE. The durable black anodized aluminum housing protects the technology from environmental influences while offering a modern, premium design.

Powered and connected through a single USB-C cable, the module integrates seamlessly into existing REBOTNIX edge systems. Fully CE and FCC certified, it meets international standards for safety and electromagnetic compatibility.



SPEZIFIKATIONS

ELEKTRICAL SPECIFICATIONS

DC voltage input	5V DC via M8 Socket
Power consumption	300 - 500mA, Peak Up to 1000mA

ENVIRONMENTAL SPECIFICATIONS:

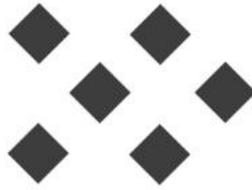
Temperature range	-20°C bis 70°C
Humidity	Non-condensing

INTERFACES & CONNECTORS

M8	1 x M8 Socket, 4 Pin
ANT1	SMA Socket
ANT2	SMA Socket

WIRELESS COMMUNICATION – LTE

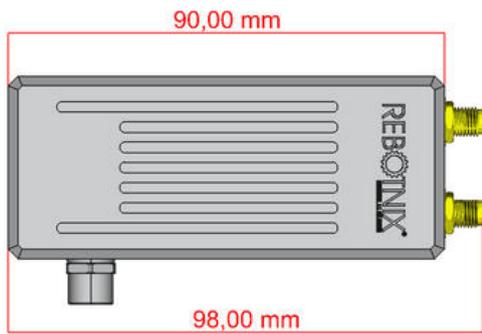
LTE Frequency Bands	850 MHz, 900 MHz, 1.8 GHz, 1.9 GHz
Data Rate	4G LTE up to 150 Mbit/s



TECHNICAL SPECIFICATIONS

Dimensions	90mm x 37mm x 21,5mm (without Antenas)
Weight	130g
Housing	Black anodized aluminum

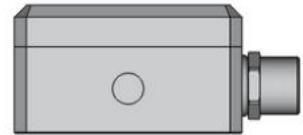
FRONTSIDE



TOPSIDE

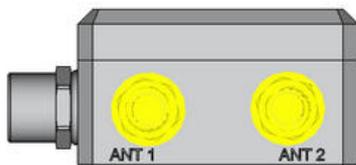


BOTTOMSIDE

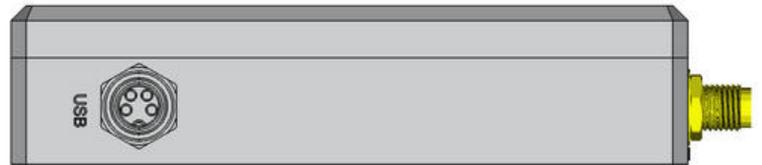


CONNECTIVITY

TOPSIDE



BOTTOMSIDE



ANT1



ANT1 - SMA Socket
Socket for a LTE antenna for signal transmission.

ANT1



ANT2 - SMA Socket
Socket for a LTE antenna for signal transmission.

M8



M8 - M8 Socket , 4 Pin
This socket is used for both power supply and data transfer.

M8 Socket - PINOUT

- PIN 1 -
- PIN 2 -
- PIN 3 -
- PIN 4 -