INTRODUCING

LEMBAS LTE/GNSS USB MODEM

- **Plug and Play LTE Operations with 1-Command Setup**
- **Integrated GPS Tracking**
- **USB Mass Storage Device Functionality**

With TE Connectivity's (TE) Lembas LTE/GNSS USB Modem, the only limit is your imagination. This device provides plug-and-play LTE and CAT4 network connectivity and GPS tracking, via a robust USB interface, to a variety of small board computers (SBCs) utilizing the popular ARM chipset. Through a single-command setup process, you can bring near-instant internet and GNSS access to a wide variety of projects.

APPLICATIONS

- "Maker" Hobbyist Engineering – DIY Electronics and Engineering Education
- Industrial Automation
- Consumer Products
- Internet of Things (IoT) – Smart City and Smart Surveillance
- Medical Devices
- AD&M

PACKAGING (INCLUDES)

- LEMBAS LTE/GNSS USB Modem
- USB-C to USB-A C/A
- Instruction Manual

ELECTRICAL

- Frequency Bands – Cellular: B2, B4, B12
- Frequency Bands – GNSS: L1, L2
- Impedance: 50 Ohms
- VSWRL 3
- Regulatory Requirements: FCC, PTCRB, AT&T

MECHANICAL

- Antenna Dimensions – LTE: 50mm x 29mm
- Antenna Dimensions – GNSS: 28mm x 13mm
- Ground Plane: 40mm x 39mm
- Operating Temp: -20°C to 60°C

KEY BENEFITS

- Plug and play operation – LTE and GPS connection ready on boot-up
- Easy installation initiated by entering a single command on terminal
- Small device footprint and flexible connection options allow for multiple connection options allowing for a wide-array project design choice
- GPS tracking available upon initial installation, widening potential applications and projects
- Functions as a USB storage device allowing custom configuration and software loading
- Full compatibility on Small Board Computers (SBC) with ARM processors running Linux OS (i.e., Debian & Ubuntu)

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- Landing Page
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