

# AVL BA7500 GPS TRACKING MODULE



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With an effective LTE data rate of 375kbps uplink/downlink, compact form factor, and high level of integration, the BG96 enables us to easily design our applications and take advantage of the module's low power consumption and mechanical robustness. The advanced package allows full range FDD from B1-B28 and TDD B39, and works on LTE Cat M1/ LTE NB / EGPRS.

## FEATURES

- Latest GPS/GLONASS/BeiDou/Galileo/QZS positioning technology;
- Real Time tracking;
- Support for TCP/IP and UDP protocols;
- Customized firmware configuration and remote update capabilities;
- ELD compatible;
- Motion and temperature sensor;
- Mobileye™ connectivity;
- Bluetooth communication with external devices;
- FCC/PTCRB certified.



## INTERFACE

- Bluetooth connectivity;
- CyFi™ Low-Power RF 2.4 GHz;
- 1x digital input & 1x analog input;
- 1-wire Protocol;
- Supports OBD protocols: J1708/1587, J1850, J1939 CAN Bus, J1979 CAN Bus, ISO 15765, K-Line;
- USB port & Serial port RS485;
- Plug-and-play device (with OBD II connector);
- Power supply: (+10V to +30V) DC;
- Configuration and firmware upload via SMS or USB cable;
- Internal GSM and GPS antennas;
- 3-axis Accelerometer;
- 3 Status LEDs;
- Temperature range: -40°C to +85°C (-40°F to 185°F).

## BLUETOOTH 5.0

Bluetooth Classic (BR/EDR) and Low Energy (LE) | Certified to FCC, IC, MIC, KCC, and NCC radio regulations | Supports Bluetooth 4.2 LE secure connections and Bluetooth 5.0