TAOGLAS®
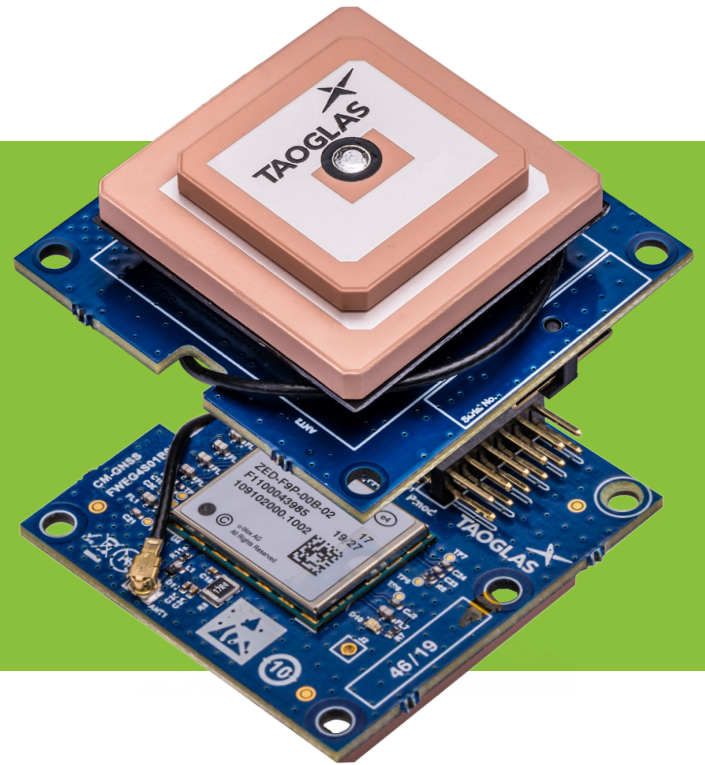
EL10 - EDGE Locate™
High Precision GNSS Solution

Key features and benefits

Enterprises can quickly and effectively build IoT devices with high precision positioning technology, without having to invest in costly and lengthy RF design, integration and testing processes.

- Optional RTK capabilities, providing up to 1 to 3 centimeter - level accuracy
- Small form factor design and energy-efficient platform
- Integrated and validated multi-band antenna
- Integrated ublox ZedF9P multi-band GNSS receiver
- Concurrent reception of GPS, GLONASS, Galileo and BeiDou
- Advanced anti-spoofing and anti-jamming
- PMOD compatible and easy to integrate into third-party hardware
- The EDGE Locate will be supplied with a PMOD to USB adaptor and USB cable.

The Taoglas® **EDGE Locate™ solution** is an ultra low-power IoT hardware and software platform providing high precision GNSS for high volume navigation and autonomous applications in an off-the-shelf, compact form factor.

EDGE Locate is a GNSS L1/L2/E5 hardware and software platform that combines antenna, RF electronics and receiver technology delivering reliable high accuracy positioning.

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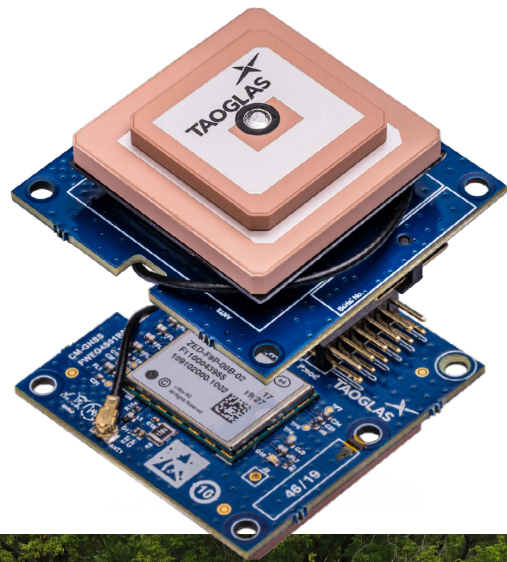## Autonomous Delivery
Key features and benefits

- Understand exact location and help avoid collisions
- Help navigate footpaths and cross roads safely
- Enhance fleet safety and compliance and regulate safe use easily
- High precision parking management
- Automatically control speed in different areas

Robotic Lawnmowers
Key features and benefits

- Auto-mowing with accurate GNSS mapping
- More efficient coverage of lawns
- Avoid using perimeter boundary and guide wires
- High precision geo-fencing
- Accurate returns to charge cradle

E-Mobility
Key features and benefits

- Understand exact location to help with safety and compliance
- Provide high precision parking management
- Differentiate between road usage and footpath/sidewalk usage
- Enhance fleet management capabilities
- Accurately control speed in different areas

Asset Tracking
Key features and benefits

- Monitor Container movements
- Monitor UTR, chassis and bomb cart movements
- Reduce dislocation of equipment with high accuracy
- Track workers throughout hazardous areas
- Ensure correct loading of manifest
- Reduce emissions by ensuring first time pickup of assets
- Monitor key environmental values within containers

Contact us for quick and professional support from our senior engineering team to manage and develop your next IoT project.

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