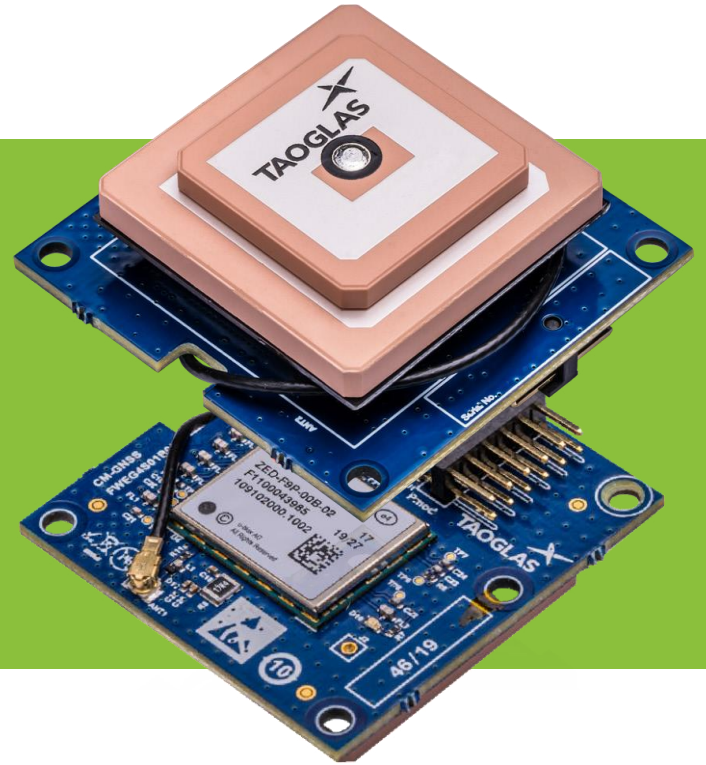# EL20 - EDGE™ Locate
High Precision GNSS Solution

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.

- Integrated u-blox ZED-F9P module for Multiband RTK to enable cm level positioning.
- Integrated Taoglas Antenna to maximise RF performance.
- Fast time to market, with an accurate navigation solution ready to use out of the box.
- Small form factor for ease of integration into your design
- Industry standard UART & USB interface available.

The Taoglas **EDGE™ Locate solution** is an energy efficient IoT platform that provides high precision GNSS for both large scale and niche navigation and autonomous applications in an off-the-shelf, compact form factor.

The Taoglas EDGE™ Locate is a GNSS L1/L2/E5b combines the antenna, RF electronics and receiver technology in a single package delivering reliable high accuracy positioning.

taoglas.com

EL20 - EDGE Locate™
High Precision GNSS Solution

Autonomous Delivery
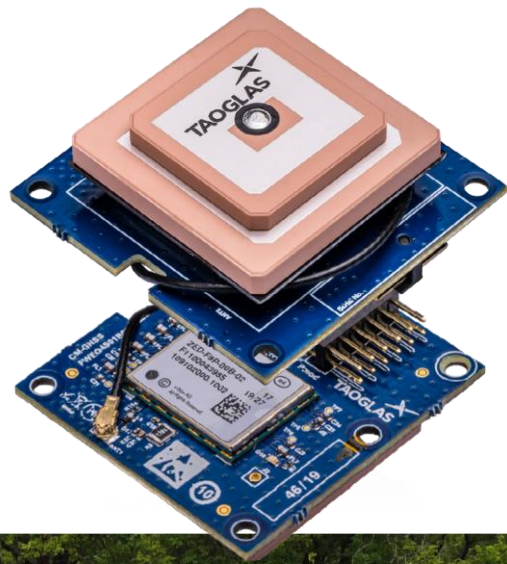### Key features and benefits

- Determine asset exact location and help avoid collisions.
- Help device navigate footpaths and crossroads safely.
- Enhance fleet safety and compliance and regulate safe usage.
- High precision parking and location management.
- Enable automatically control speed in different areas.

Robotic Lawnmowers
Key features and benefits

- Auto-mowing with accurate GNSS mapping.
- More efficient coverage of lawn.
- Avoid using perimeter boundary and guide wires.
- Enable high precision geo-fencing for virtual boundary setting and set stay-out zones.
- Allow accurate returns to charging cradle or defined transport paths.
- Support theft protection by GNSS.
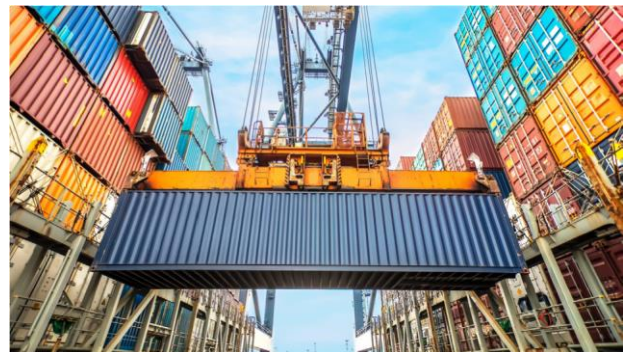
E-Mobility
Key features and benefits

- Understand exact location to help with safety and compliance.
- Provide high precision parking and location management.
- Allow users to differentiate between road usage and footpath/sidewalk usage.
- Enhance fleet management capabilities.
- Accurately control speed in different areas with city geo-fencing.

Asset Tracking
Key features and benefits

- Monitor container movements.
- Monitor UTR, chassis, and bomb cart movements.
- Easily locate your asset in a crowed environment.
- Track staff throughout hazardous areas.
- Ensure correct loading of manifest.
- Reduce emissions by ensuring first time pickup of assets.

The Taoglas team are ready to help accelerate your time-to-market by providing a broad range of design services and industry knowledge, contact us to learn more.

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