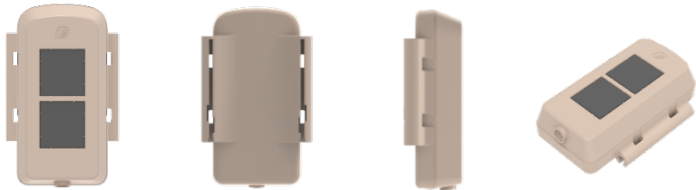# BASIC SPECIFICATIONS

MODEL	FLEX
Appearance	
Dimensions	65mm*32mm*17mm (LWH)
Battery	210mAh lithium polymer rechargeable battery, with under-and-over-charging protection
Battery Life	Over 2000 GNSS positions under optimal GNSS satellite view at 5-minute interval
Antenna	Internal for 2G/4G/UBILINK X2, external for Argos/LoRa
Housing	ASA injection molding with excellent toughness and environment tolerance, multiple harness threading holes
Available Colors	Light brown
GNSS Module	Precision: CEP (50%) 5m Maximum update rate: 10 Hz
Working Temperature	-20°C~60°C (enough for very cold winter if close to warm-blood animal body)
Waterproof	IP 68 (7 ATM for the main part)
Data Types	- GNSS: longitude, latitude, altitude, altitude (ellipsoid), course, satellite quantity - ENV: voltage, light intensity, temperature - ODBA (overall dynamic body acceleration) - ACC: x/y/z acceleration data (upon request) - Beacon: with Debut series gateway devices
Data Storage	Collected data will be stored in memory before transmission. - Flash memory: 32 MB - Regular data storage: 460 days at default setting (1h GNSS+1h ENV+10 min ODBA) - BOOST data storage: 280,000 pieces - ACC data storage: 1,110,000 pieces
Working Schedule	Programmable from 1 min, changeable via 2G/4G network, or instantly via INTELINK (Bluetooth)
Firmware Upgrade	Remotely via 2G/4G network, or instantly via INTELINK (Bluetooth)