

# U-TYPE

## Container Tracking and Security



SUPPLY CHAIN MONITORING SOLUTIONS

A state of the art security and monitoring device for cargo with ultra sensitive radiation sensor

## TECHNICAL SPECIFICATIONS

Security features	Light sensor
Cargo integrity and handling compliance	Temperature -30° to +65° Humidity 0% to 100% Shock 3 dimensional Vibration Tilt 0° to 180°
Radiation	Unique proprietary hype-sensitive sensor is capable to detect sources of radioactivity inside of cargo even of weak sources.
Type of radiation detected	Gamma
Range of measurements	Equivalent dose rate 20...140000 uR·h <sup>-1</sup> Energies 0.08 ... 3.0 MeV
Pressure	Measures the air pressure of environment
Advanced modes	All sensors configurable – prior and during transport (OTA) Movement detection and higher frequency data sending during movement or specific periods or geolocation Configurable scheduled updates and exception alerts for every sensor predefined threshold Geofencing and geo-corridors
Coverage	Global (95% of planet Earth), Several network operators per country
Data Transfer	Worldwide coverage 2G, LTE, Data encryption Quad band 2G, Multi Band LTE, (LTE B1/B2/B3/B4/B5/B7/B8/B12/B13/B18/B19/B20/B25/B26/B28/B66)
Location Tracking	GPS or cellular-based location (cell-id)
SIM Card	3FF
Battery	Li-Ion battery with 3-4 months battery life with typical settings, extendable upon need
Charging port	Micro-USB standard port, 5V DC, 0.5-1A
Protection	IP65
Dimensions	230 x 120 x 23 mm
Weight	500 grams
Certifications	UN38.3, CE, MSDS, RoHs



**GPS AND  
CONNECTIVITY**



**ULTRA-SENSITIVE RADIATION  
DETECTION SENSOR**

