

# TB-HGD4

## TRACK • MONITOR • RECOVER • PREVENT • PROTECT







The TB-HGD4 is a non-rechargeable device designed for use in various supply chain and asset monitoring applications. The device is capable of reporting location, temperature, light, movement, and shock levels. Available for use as a standalone device or in combination with Tyden Tags creating an expanded sensor network.



### Benefits:

- Up to 60 days of in-transit tracking
- Easy to install and can be pre-configured for use for various applications
- Sensors for temperature, light, movement, tip, impact, and shock monitoring
- Communication methods aid in location accuracy even when GPS is not available
- Able to beacon as a Tyden Tag
- Flight mode capability
- Suitable for indoor or outdoor use
- IP67 rated
- NIST traceable

### Additional Benefits:

-  Secure, authenticated communications with expandable sensor network
-  Tamper-resistant ABS plastic housing
-  Stored reports when device loses signal
-  Low battery and designated sensor alert threshold notifications
-  Internal GSM, GPS, and WiFi antennas
-  Adjustable report time



# Technical Data Sheet

## Specifications

Communication: LTE Cat M1 / Cat NB1  
 EGPRS coverage  
 Wireless 802.11b/g/n  
 Smart Bluetooth

Sensors: Temperature: NIST Traceable  
 Light, Motion Detection, Impact/Shock

Battery info: Non-rechargeable

Battery Life: 60 days reporting at 1-hour (stationary); 15 min (in motion)  
 and 10 sec sensor monitoring (*assumes 8hrs of motion per day*)

Power Reporting: 125mA (average)  
 Consumption: Sleep: 0.004mA (average)

IP Rating: IP67

Certifications: FCC, CE, ROHS, PTCRB

Temperature: 5° C to 30° C (41° F to 86° F) operating environment  
 -20° C to 54° C (-4° F to 129° F) storage

Unit Size: 5.56 in x 1.94 in x .95 in (141.2 mm x 49.2 mm x 24.1 mm)

Unit Weight: .35 lbs (160 g)

