TB-HGR4

TRACK • MONITOR • RECOVER • PREVENT • PROTECT

The TB-HGR4 is a 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:

- Easy to install and can be pre-configured for use for various applications
- Sensors for temperature, light, movement, tip, impact, and shock monitoring
- Customizable settings to optimize battery life
- Communication methods aid in location accuracy even when GPS is not available
- Rechargeable via Qi Wireless Charging
- Suitable for indoor or outdoor use
- IP67 rated
- NIST traceable
- Fixed, hard-wired device options available

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

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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, Tilt
Battery info:	LI-ION rechargeable via Qi wireless Capacity: 10400 mAh
Battery Life:	40 days reporting at 1-hour (stationary); 15 min (in motion) and 10 sec sensor monitoring *(assumes 8hrs of motion per day)*
Power Consumption:	Reporting: 115mA (average) Sleep: 0.008mA (average)
IP Rating:	IP67
Certifications:	FCC, CE, ROHS, PTCRB
Temperature:	-30° C to 75° C (-22° F to 167° F) operating environment -30° C to 75° C (-22° F to 167° F) storage
Unit Size:	5.6 in x 3.22 in x .65 in (142 mm x 82 mm x 16.5 mm)
Unit Weight:	.37 lbs (168 g)

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