



TAT140 Datasheet

OVERVIEW

Typical applications	Ideal for equipment where a periodic location is required but a constant power source is not available. For example: Trailers, containers, generators, caravans, horse boxes.
Use cases	<ul style="list-style-type: none"> Monitor periodic and historical location Aid theft recovery Improve site management and resource allocation

GENERAL SPECIFICATIONS

Dimension	78×63×28 mm
Weight	115g
Battery	2200mAh, non-rechargeable
Battery life	Up to 36 months
Location updates	Every 12 or 24 hours (configurable)

OPERATING ENVIRONMENT

Operating temperature	-35°C to +75°C
Storage temperature (with battery)	-40°C to +85°C (max 30°C)
Operating humidity	5% to 95% non-condensing
Battery discharge temperature	-60°C to +85°C

INTERFACE

GNSS antenna	Internal High Gain
Cellular antenna	Internal GSM High Gain
LED indication	1 LED
Configuration	Automatic OTA (Over The Air) updates
Sensors	Accelerometer

CONNECTIVITY

Technology	LTE(Cat1)/2G(GSM/GPRS)/GNSS/BLUETOOTH® 4.0 + LE
GNSS	L1: GPS, GLONASS, GALILEO, BEIDOU
Tracking sensitivity	-165 dBm
Position accuracy	<2.5 m CEP
2G bands	GSM: B2/B3/B5/B8
4G bands	LTE FDD: B1/B3//B5/B7/B8/B20/B28
Receiver	33 tracking channel 99 acquisition channel
Global Network Hub	No

CERTIFICATIONS & APPROVALS

IP grade	IP68
Approvals	CE/RED, E-Mark, RCM, UKCA