



Digital Twin Asset Tracker

Reliable, Long-Lasting Asset Tracking for Maximum Efficiency.

Digital Twin's Asset Tracker (DTTAT100)

The Digital Twin Asset Tracker (DTTAT100) is an advanced, water-resistant tracking solution designed for seamless asset monitoring.

Built with a low-power Bluetooth chipset and a robust, practical, and water-resistant (IP68) enclosure, it offers long battery life, easy installation, and multiple mounting options.

Whether for transportation, construction, tools, containers, or anti-theft protection, the DTTAT100 ensures precise tracking and efficient data management, making it ideal for non-powered asset monitoring.



Key Features & Benefits



Robust & Compact Design



Water/Dust Resistant



Mounting Accessories



Low Power BT Chipset



Long Battery Life



Over the Air Updates



Synced Data Transmission



Use Cases



Transportation Tracking



Trailer Tracking



Valuable Assets Tracking



Construction Equipment Tracking



Sea Containers Tracking



Anti-Theft & Backup Solution

Technical Specifications

Hardware

Module	Digital Twin DTTM2500
Technology	GSM/GPRS/GNSS
GNSS	GPS, GLONASS, GALILEO, BEIDOU, SBAS, QZSS, DGPS, AGPS
Location Sources	GNSS, LBS
Receiver	33 Channel
Tracking Sensitivity	-165 dBm
Cellular	Quad-band GSM 850 / 900 / 1800 / 1900 MHz GPRS Multi-Slot Class 12 (up to 440 kbps) GPRS Mobile Station Class B
Power	Extremely low self-discharge Li-SOCI2 swappable battery, 7.2V 2200mAh (15,84Wh)
Antenna	GNSS antenna (Internal High Gain), GSM antenna (Internal High Gain)
Interface	Ultra-low-power Bluetooth BlueNRG-232 chipset, 2.0 micro-USB, Internal eSIM slot, 128 MB internal flash memory (220'000 records), "Reset" button
Sensors	Integrated Accelerometer
External	Bluetooth Sensors (up to BLE 5.0)



Technical Specifications

Software

Scenarios	Enhanced tamper detection, Accelerometer wake up, GNSS and LBS, Indoor Tracking, Bluetooth sensor support (Light, Temperature, Humidity, etc.), Recover mode, Manual Geofence, Movement detection, Scheduler with time zones, Tracking on stop / on move, Backup Tracking, Static navigation
Data Sending	Main, Duplicate and Backup servers
Configuration and Firmware Update	FOTA Web (cloud based solution) Teltonika Configurator (USB)
Protocols	UDP/TCP/SMS
Security	Configuration password SMS login and password Authorized GSM numbers list

Physical Specifications

Dimensions	78 x 63 x 28 mm (L x W x H)
Ingress Protection Rating	IP68

Certification and Approvals

Regulatory (pending)	CE(RED), EAC, RoHS, REACH
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Contact Us

+27(11) 958 2529
info@digitaltwin.digital
www.digitaltwin.digital

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