



AddSecure TTU 720

Monitor & Protect Your Most Valuable Assets

Keep track of your assets with AddSecure's TTU 720; our robust and reliable wireless asset tracking solution. Whether it's a fleet of trailers, forklifts or tractors, monitor all your assets in real-time from our user-friendly, web-based fleet management platform.

Protect against unauthorised use or theft with the TTU 720's inbuilt security alerting feature. Receive an instant SMS/email notification if your assets have been moved outside of a geofenced area; increasing your chance of recovering your assets, and minimising the likelihood of damage to your valuable equipment. For an added security measure, our integrated door sensors can provide additional event-based data. Ensure you are getting the most out of your fleet with our comprehensive reporting suite. Quickly identify assets that are being underutilised and reallocate your resources to maximise your fleet's productivity.

Key features:

- Live Asset Tracking
- Utilisation Reports
- Real-Time Geofence Alerting
- Trailer Allocation
- Historic Reports
- Robust & weatherproof – IP66 certification
- Suitable for 12v & 24v vehicles
- Live location tracking
- Optional input for door opening/temperature sensors
- Fully integrated telematics platform



Technical specifications

Electrical

Operating Voltage	3.6V internal battery
Power Consumption	Typical 30uA @ 3.6V (hibernate) Typical 50uA @ 3.6V (deep sleep) Typical 50mA @3.6V (active GPS tracking only) Typical 80mA @3.6V (cellular idle only)

Battery Pack

Battery Capacity	Up to 57 Ah
Battery Voltage	3.6V
Battery Technology	Lithium-Primary (non-rechargeable)

Satellite Location (GNSS)

Constellation Support	GPS, GLONASS, SBAS Engine (WAAS, EGNOS, MSAS, GAGAN) 55 Channel
Channels	-167 dBm
Tracking Sensitivity	-156 dBm (hot start)
Acquisition Sensitivity	-148 dBm (cold start)
Location Accuracy	~2.0m CEP Open Sky (SBAS 24 hours static)
Location Update Rate	1 Hz
AGPS Location assistance capable	

Environmental

Temperature	-30° to +65° C (operating and storage)
Humidity	95% RH @ 50° C non-condensing
Shock and Vibration	U.S. Military Standards 202G, SAEJ1455
ESD	IEC 61000-4-2 (4KV test)
Ingress Protection Rating	IP67

Physical/Design

Dimensions	9.90 x 2.35 x 2.45" (251 x 60 x 62 mm)
Weight	23.2 oz. (658g)

Connectors/SIM Access

GPS Antenna	Internal
Cellular Antenna	Internal
SIM Access	Internal (2FF SIM)

Data Support

SMS, UDP Packet Data	
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Device Management

PULS	Monitor, manage, upgrade firmware, configure and troubleshoot devices remotely
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Embedded Intelligence Engine

PEG	Update device functionality or develop new on the edge applications
Accelerometer	Built-in, triple-axis (motion sensing, tilt detection)
Buffered Messages	2000

Certifications

Industry Certifications - FCC, CE, IC, PTCRB, RoHS

