

VEHICLE AND MACHINERY TRACKER WITH 4G AND IRIIDIUM

AT300

 4G + Iridium

A GPS tracker that never loses contact: switches automatically between 4G and the Iridium satellite network. 9–90 V power supply, inputs and outputs for control and sensors.



Key features

-  Built-in Iridium satellite module – global coverage
-  Global 4G modem and automatic 4G / Iridium switching
-  Wide 9–90 V power range – from cars to heavy machinery
-  4 digital inputs, 4 digital outputs, 1 analog input 0–15 V
-  1,440 blind-area records + 17,280 backup records
-  External 12/24 V LED support
-  Built-in antennas, IP65 housing



DIMENSIONS
169 × 69 × 29 mm



POWER SUPPLY
9 – 90 V DC



SATELLITE
Iridium 9602



OPERATING TEMP.
–20 °C ~ +75 °C

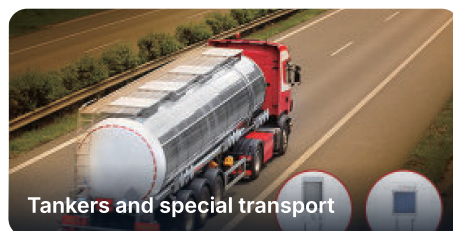
Applications



Mining and construction



Truck fleets



Tankers and special transport

Technical specifications

Communication	
4G modem	Quectel EG25-G (global LTE)
Satellite module	Iridium 9602 (SBD)
Satellite frequency	1616 – 1626.5 MHz
Iridium current (5 V)	Idle avg. 35 mA; transmit avg. 140 mA (peak 1.3 A); receive avg. 40 mA
Working mode	Automatic 4G / Iridium switching
Antennas	Built-in
Location	
GPS chip	AT6558R, L1 1575.42 MHz
Sensitivity	Acquisition -148 dBm, tracking -162 dBm
Accuracy	< 5 m CEP
Time to fix	Hot start < 1 s, cold start < 30 s
I/O and memory	
Digital inputs	4
Digital outputs	4
Analog input	1 (0 – 15 V)
External LED	12/24 V
Memory	1,440 blind-area records, 17,280 backup records
LED indicator	Iridium / GSM / GPS / Power
Power and general	
Working voltage	9 – 90 V DC
Backup battery	250 mAh
Dimensions	169 × 69 × 29 mm
IP rating	IP65
Operating temperature	-20 °C ~ +75 °C
Humidity	5% – 95%