

AT-3000 GPS Tracking Device

Ideal use-case for this device: Powered Equipment and Other Assets



This externally-powered, asset-tracking device is ideal for heavy equipment, generators, diggers, trailers, and other assets that can act as a power source to the GPS tracking device.

Key Features

- Highly configurable
- IP66 sealed enclosure
- Internal cellular and GPS antenna
- Up to 20,000 buffered serial messages
- Packet data (CDMA 1xRTT, GPRS, and HSPA) and SMS-based messaging

Options

- 3-axis accelerometer for motion-reporting options
- Up to 3 inputs (ignition and 2 additional voltage-based inputs)
- Temperature sensor available

📞 866-477-4321

🌐 gpsinsight.com

AT-3000 Specifications

GPS

Location Technology	GPS
Enhancement Technology	GPS; GLONASS and QZSS capable
Receiver Type	56 channels
Tracking Sensitivity	-162 dBm
Acquisition Sensitivity	-147 dBm
Location Accuracy	2.0 m
Location Update Rate	up to 10 Hz
AGPS / Location assistance capable	

CELLULAR

Data Support	SMS, GPRS, CDMA 1xRTT or HSPA packet data	
Operating Bands	MHz	
GSM/GPRS	850/900/1800/1900	
CDMA/1xRTT	850/1800	
HSPA/UMTS	800(VI)/850(V)/900(VII) 1700(IV)/1900(II)/2100(I)	
Transmitter Power		
GSM/GPRS	850/900	32.5 dBm
	1800/1900	29.3 dBm
CDMA/1xRTT	850	24 dBm
	1800	23 dBm
HSPA/UMTS	(all bands)	23 dBm
HSPA Data Rate	5.6 Mbps upload/7.2 Mbps download	
HSPA Fallback	EDGE/GPRS/GSM quad band EDGE MCS1-MCS9 3GPP Release 6	

CERTIFICATIONS

Fully certified FCC, CE, IC, PTCRB, Applicable Carriers

ENVIRONMENTAL

Temperature	-30° to +75° C (connected to primary power) -40° to +85° (storage)
Humidity	95%RH at 50° C non-condensing
Shock and Vibration	U.S. Military Standards 202G and 801F, SAE J1455
EMC/EMI	SAE J1113; FCC-Part 15B; Industry Canada

ELECTRICAL

Operating Voltage	9-32 VDC (start up, operating) 7-32 VDC (momentary)
Power Consumption	500 uA at 12 VDC (sleep) 13 mA at 12 VDC (sleep on network) 60 mA at 12 VDC (continuous tracking)
Backup Battery	
Battery Capacity	5.2 amp hour
Battery Voltage	3.7 V
Battery Technology	Lithium-Ion

PHYSICAL

Dimensions	2.15 x 4.33 x 1.59" (54 x 110 x 40.4 mm)
Weight	0.75 lbs (340 g)

MOUNTING

Screw Mount, Tie Wrap