



## PRODUCT DESCRIPTION

# AT312 TT

## Asset Tracking Device

The AT312 TT is part of the VehiclePath asset tracking line, which has the ability to track in real time.

This unit has been specifically designed and engineered to update on a daily basis (if not connected to power) or on a 30-minute continuous-tracking plan (if connected to power). When the unit is connected to power, it will send an Auto Locate every 24 hours.

If the unit is not connected to power, then it will work off the internal battery and give an Auto Locate every 8 hours. The device will automatically generate Unauthorized Movement Alerts once it has traveled 3 miles or more. It will continue to provide an alert every 30 minutes until stationary.

The AT312 TT is built to withstand harsh environments and can function in up to 39 inches (1 meter) of water. Its cellular and GPS antennas are completely integrated. It also has an internal motion sensor and internal battery.

## TARGET MARKETS:

- Trucking companies – local, long haul or intermodal

## PRODUCT DIFFERENTIATORS:

- Continuous tracking device
- Internal battery back-up
- Low monthly rate



## OVERVIEW:

- Low power consumption (1mA in sleep mode)
- Voltage monitoring and low-battery notification
- Over-the-air firmware upgrade capability
- Unauthorized Movement Alert
- Power disconnect and reconnect events
- GSM Quad-band (800/900/1800/1900 MHz)

**PRODUCT SPECIFICATIONS**

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**PHYSICAL SPECIFICATIONS**

Size:	4.87" L x 3.5" W x 1.25" H
Weight:	5.6 oz. / 158.76 grams

**ENVIRONMENTAL SPECIFICATIONS****Temperature**

Operating:	-30° to 60° C / -22° to 140° F
Storage:	-40° to 75° C / -40° to 167° F

**WIRELESS SPECIFICATIONS**

Wireless:	GSM Quad band (850/900/1800/1900 MHz)
Regulatory Approvals:	FCC / IC, PTCRB

**GENERAL SPECIFICATIONS**

Input Voltage:	+8 to +30 VDC
Power consumption:	<ul style="list-style-type: none"><li>• 1 mA @ 13.8v in sleep mode</li><li>• 35 mA @ 13.8v when running, or when vibration is sensed</li><li>• 550 mA @ 13.8v when transferring and receiving data (burst)</li></ul>

**Antenna Connections**

Cellular:	Internal
GPS:	Internal

**LEDs**

Orange Solid	Communication established with cellular network
Orange Flash	Looking for cellular network
Green Solid	Good GPS signal
Green Flash	Looking for GPS satellites
Red Solid	Connected to continuous power source