



MVP-300 GPS TRACKING UNIT

The MVP-300 is an economical, full-featured vehicle tracking product designed for covert and reliable installation in automobiles. The MVP-300 is an ideal solution for **BHPH, stolen vehicle, vehicle finance, auto rental and other automotive tracking applications.**

The MVP-300 high-value tracking unit features a small footprint superior GPS performance, an optional internal back-up battery, ultra low power sleep modes, optional 3-axis accelerometer for motion sense, and up to two Inputs/two Outputs (I/O). The MVP-300 is a complete vehicle tracking and communications device incorporating next-generation, supersensitive GPS technology on cellular networks for installation in any 12/24 volt mobile vehicle. Superior internal antennas for both cellular and GPS eliminate the need for wired antennas and make the MVP-300 mountable virtually anywhere in the vehicle for easy, inexpensive installations. Messages are transported across the cellular network using enhanced SMS or UDP messaging providing a reliable communications link between the device and your application servers. The MVP-300 is designed to dramatically reduce cost, power and size while providing excellent field reliability.

Environmental

- **Temperature** -30° to +75° C (connected to primary power); -40° to +85° C (storage)
- **Humidity** 95%RH @ 50° C non-condensing
- **Shock and Vibration** U.S. Military Standards 202G and 810F, SAE J1455
- **EMC/EMI** SAE J1113; FCC–Part 15B; Industry Canada
- **RoHS Compliant**

Electrical

- **Input Voltage** 9-32 VDC (startup, operating)
7-32 VDC (momentary)
- **Power Consumption** 2mA @ 12/24V (deep sleep)
10mA @ 12/24V (radio-active sleep)
20mA @ 12/24V (idle IP connection open)
60mA @ 12/24V (active on standby)
- **Back-up Battery** Optional Lithium-Ion 200 mAh or 1000 mAh
(See online technical specifications for latest details regarding battery options)

Physical

- **Dimensions** 1.84 x 3.0 x 0.78" (46.5 x 77 x 19.7mm) - without harness
- **Weight** 3.5 oz, (99 g) - with harness
- **Connection Type** Captive wire harness in 2 wire, 4 wire, and 6 wire configurations
- **SIM Access** Internal

Connectors

- **Connection Type** Captive wire harness in 2 wire, 4 wire, and 6 wire configurations
- Optional starter interrupt harness to disable vehicle if needed for non-payment or stolen vehicle.
- **SIM Access** Internal