



MC300

GENERAL DESCRIPTION

The MC300 is a powerful yet small sized GPS/GPRS/GSM tracking system specially designed for asset, motorcycle and equipment tracking. It has built-in 2800mA battery for standalone long time operation. Also works with 12V external power. It has rugged design with 100% waterproof case and vibration resistant. Easy mounting with optional magnets.

FUNCTIONALITY

- GPRMC Standard tracking reports:
Unit ID, location, time, direction, unit status, mileage
- Support GPRS/SMS.
- Built in GPS/GPRS antenna
- Periodical time report; distance report
- Configurable Sleep mode
- Geofence reporting
- Low battery alarm
- Speeding alarm
- Voice monitoring function
- SOS emergency alarm
- On spot geofence alarm
- Optional remote control for parking vehicle
- Optional 5600Mah external battery

Waterproof GPS Tracking Solution For Asset/Heavy Equipment/ Motorcycle

- Optional cut relay for engine immobilization
- Motion sensor to detect any movement
- Remote speed limit setting
- LED lights for GPS/GPRS POWER status.
- Standby and charging indicator
- 100% waterproof, vibration proof, rubber covering with magnetic mount for vehicle tracking
- Mileage report
- Vehicle moving report time interval
- Vehicle stopping report time interval
- Time zone configuration
- Optional PC based software EX300
- Optional web based software EX1000
- OEM rebranding (MOQ 50 units)
- OEM firmware modification (MOQ 50 units)
- Long standby time for more than 7 days.
- Home/Car charger is available.

SPECIFICATION

- Size: 80mm(L) x 45mm(W) x 31mm(H)
- Weight: 35g
- GSM frequencies:
SIMCOM340D 850/900/1800/1900 MHz
SIEMENS MC55i: 850/900/1,800/1,900 MHz
- Frequency of GPS reception: 1575.42 MHz
- Channels of GPS reception: SiRF III 20 channels
- GPS sensitivity: -158 dBm
- I/O: Power input, Optional engine cut output
- Warm-up time: 70 seconds
- Storage temperature: -10C to +60C
- Power: 3.7 to 4.2 VDC
- Power consumption for standby: 50mA
- Power consumption
GSM communication: 250 mA
- Standby time: 3 days (for GPS always on)
- Battery capacity: 2,800 mah

