



## GPS 10 Specifications

**Receiver:** WAAS enabled, 12 parallel channel GPS receiver continuously tracks and uses up to 12 satellites to compute and update your position

### Acquisition times\*:

- **Reacquisition:** Less than 2 seconds
- **Warm:** Approximately 15 seconds
- **Cold:** Approximately 45 seconds
- **AutoLocate™:** 5 minutes
- **SkySearch:** 5 minutes

**Update rate:** 1 to 900 seconds between updates; programmable in 1 second increments

### GPS accuracy:

- **Position:** < 15 meters, 95% typical\*\*
- **Velocity:** 0.1 knot RMS steady state

### DGPS (WAAS) accuracy:

- **Position:** < 3 meters, 95% typical
- **Velocity:** .1 knot RMS steady state

**Dynamics:** 999 knots, 6 g's

### Temperature:

- Operating: -30° C to 60° C
- Storage: -40° C to 90° C

**Size:** 1.77" W x 3.46" H x .75" D (45 x 88 x 19 mm)

**Weight:** 2.8 ounces(80 g)

**Case:** Waterproof to [IEC 60529 IPX7 standards](#)

**Power Supply:** Rechargeable lithium ion; 12 hours (typical use); 12-volt adapter cable; Auto Power On feature when connected to a switched external power source

**Interfaces:** Connects to Pocket PC or personal computer with Bluetooth wireless technology

**Protocol:** NMEA 0183, sentences GGA/GSA/GSV/GLL/RMC/VTG

Specifications are subject to change without notice.

\*Warm = all data known.

Cold = position, time and almanac known.

AutoLocate™ = almanac known, position and time unknown.

SkySearch = no data known.

\*\*Subject to accuracy degradation to 100m 2DRMS under the U.S. Department of Defense-imposed Selective Availability (SA) Program.

