



## K-01 GPS Guider

### Navigation features

- Waypoints/icons: 6000 waypoints with names, addresses and graphic symbols.
- Trip computer: Current speed and total trip distance

### GPS performance

- GPS L1 C/A code
- Sensitivity: -161dBm in tracking & -144dBm in acquisition
- Up to 60,000 simultaneous search windows
- Channels: 48 acquisition & 12 tracking channels
- Fast TTFF in all modes (a typical outdoor )
  - ✓ Hot-start in 1.5s,
  - ✓ Warm-start in 32s
  - ✓ Cold-start in 34s
- AGPS: Approximately 5 minutes
- Update rate: 1/second, continuous
- GPS accuracy:
  - Position: 2m CEP
  - Velocity: 0.1m/s
  - Dynamics: 6g's
- Antenna: Built-in patch

### Power

- Source: 600 mAh
- Battery life: up to 15 hrs continue tracking, up to 200 hrs stand by

### Physical

- Size: W x H x D
- Weight: g with batteries
- Display: 1.1" (RGB 96x64 dots) Color STN
- Temperature range: 0°C to 60°C

### Electronic compass feature

- Accuracy:  $\pm 2$  degrees Max  $\pm 5$  degrees with proper calibration (typical);
- Resolution: 1 degree