



SE-2G GPS Module

SE-2C GPS Module Digital Compass Enabled

The **SE-2** is a dedicated GPS Module with a Digital Compass (on SE-2c models) for RICOH 500SE Digital Cameras to provide an integrated geo-Imaging Solution.

- Embeds GPS coordinates and direction with captured images and video.
- Seamless transfer of pictures and data to the mapping software.
- Rugged, field-ready geo-imaging solution.
- Superior resolution and ease of use.



Specifications

For **RICOH 500SE** Digital Camera

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|---|---------------------------|--|
| GPS | Channels | 32 Channel; all in view tracking SBAS enabled (WAAS / EGNOS / MSAS) and configurable using software |
| | Position Accuracy | 1 - 5 m, 2D RMS, WAAS enabled |
| | Average Acquisition Time | <10 s Hot Start 38 s Warm Start 120 s Cold Start |
| | Internal Antenna | Geohelix Antenna |
| | External Antenna | Optional Patch Antenna connect via MMCX port |
| | Firmware | Field upgradeable Eka string or NMEA strings configurable using software |
| | Features with Eka Strings | <ul style="list-style-type: none"> • Internal memory for log capabilities (useful in camera video mode) • Fix / No Fix indicator • 100 different configurable datum (configurable via software) • Accepts input from Laser Rangefinders and computes target coordinates • Realtime Declination correction |
| Compass | Heading Accuracy | +/- 3° (on average) at level +/- 5° (on average) at +/- 15° tilt |
| | Tilt Range | +/- 80° from horizontal |
| | Accuracy: | +/- 3° |
| Compass accuracy depends on many factors including the environment where the readings are obtained. Specifications provided are under laboratory conditions with the SE-2c mounted on a RICOH 500SE camera. | | |
| Mechanical | Weather proof | |
| Certifications | FCC, VCCI, CE | |