

The **SE7** is a dedicated Module in GPS and Digital Compass versions for **RICOH G700SE** Digital Camera to provide an integrated geo-imaging solution.

- GPS coordinates and direction embedded on captured images and video
- Seamless transfer of pictures and data to the mapping software
- Rugged, field-ready, geo-imaging solution
- Superior resolution and easy to use



Specifications

SE7•C (with compass)

SE7•G (GPS)

SE7•M (Military)

GPS	Features with Eka Strings	<ul style="list-style-type: none"> • Accepts simultaneous input from Laser Rangefinders, external GPS devices. • Computes target coordinates. • Real time declination correction (for true north).
	General	L1 frequency C/A code. 1 fix /second. WAAS / SBAS support.
	Position Accuracy ¹⁾	1 - 5m, 2D RMS, WAAS Enabled.
	Acquisition Time ¹⁾	< 10s Hot Start. < 40s Warm Start. < 90s Cold Start.
	Internal Antenna	Micro-strip patch antenna.

Compass	<i>Characteristics</i>	<i>Conditions ²⁾</i>	<i>Typical</i>	<i>Max</i>
	Heading accuracy		At level	+ 3°
Heading resolution		Output data	+ 1°	
Pitch range		From level	± 80°	
Heading variation from level		0° to ±15° Pitch angle	+ 1°	+ 3°
		±15° to ±80° Pitch angle	+ 3°	+ 5°
Roll range		From level	0° to 180°	
Heading variation from level		90° to 90°±15° Roll angle	+ 1°	+ 3°
		90°±15° to 90°±75° Roll angle	+ 3°	+ 5°
		90°±75° to 90°±90° Roll angle	+ 1°	+ 3°

Configuration Software	Available for download from www.ekatechinc.com
Mechanical	Anchored to Camera by hook and screw mechanism. Weather proof.
Certifications	FCC , CE
Individual Packaging	White box 4" x 3" x 2" containing SE7, Installation guide, Hex key (1), Screw (1); weighing 3.5 oz / 100 g
Bulk Packaging	Box based on quantity containing SE7, Screw (1) (Installation guide upon request)

¹⁾ Tested under open sky. ²⁾ Tested under lab conditions. ³⁾ Specifications are subject to change without prior notice.