

Leica Geosystems GNSS Comparison Chart



	Leica GS18 I	Leica GS18 T	Leica GS16	Leica GS07	Leica GS10	Leica GS25	Leica GG04 plus
Segnali Tracciati	Multi-frequency	Multi-frequency	Multi-frequency	Multi-frequency	Multi-frequency	Multi-frequency	Multi-frequency
GPS / GLONASS / Galileo / BeiDou / QZSS / SBAS	✓/✓/✓/✓/✓/✓	✓/✓/✓/✓/✓/✓	✓/✓/✓/✓/✓/✓	✓/✓/✓/✓/✓/✓	✓/✓/✓/✓/✓/✓	✓/✓/✓/✓/✓/✓	✓/✓/✓/✓/✓/✓
SmartLink fill /SmartLink	✓/✓	✓/✓	✓/✓	X/X	✓/✓	✓/✓	X/X
Funzionalità Imaging	✓	X	X	X	X	X	X
Compensazione Tilt	✓	✓	X	X	X	X	X
Singola baseline RTK	Hz 8 mm + 1 ppm / V 15 mm + 1 ppm	Hz 8 mm + 1 ppm / V 15 mm + 1 ppm	Hz 8 mm + 1 ppm / V 15 mm + 1 ppm	Hz 10 mm + 1 ppm / V 20 mm + 1 ppm	Hz 8 mm + 1 ppm / V 15 mm + 1 ppm	Hz 8 mm + 1 ppm / V 15 mm + 1 ppm	Hz 10 mm + 1 ppm
Rete RTK	Hz 8 mm + 0.5 ppm / V 15 mm + 0.5 ppm	Hz 8 mm + 0.5 ppm / V 15 mm + 0.5 ppm	Hz 8 mm + 0.5 ppm / V 15 mm + 0.5 ppm	Hz 10 mm + 0.5 ppm / V 20 mm + 0.5 ppm	Hz 8 mm + 0.5 ppm / V 15 mm + 0.5 ppm	Hz 8 mm + 0.5 ppm / V 15 mm + 0.5 ppm	Hz 10 mm + 1 ppm
Statico (fase) con lunghe osservazioni	Hz 3 mm + 0.1 ppm / V 3.5 mm + 0.4 ppm	Hz 3 mm + 0.1 ppm / V 3.5 mm + 0.4 ppm	Hz 3 mm + 0.1 ppm / V 3.5 mm + 0.4 ppm	Hz 3 mm + 0.5 ppm / V 6 mm + 0.5 ppm	Hz 3 mm + 0.1 ppm / V 3.5 mm + 0.4 ppm	Hz 3 mm + 0.1 ppm / V 3.5 mm + 0.4 ppm	Hz 3 mm + 0.5 ppm / V 6 mm + 0.5 ppm
Statico e statico rapido (fase)	Hz 3 mm + 0.5 ppm / V 5 mm + 0.5 ppm	Hz 3 mm + 0.5 ppm / V 5 mm + 0.5 ppm	Hz 3 mm + 0.5 ppm / V 5 mm + 0.5 ppm	Hz 5 mm + 0.5 ppm / V 10 mm + 0.5 ppm	Hz 3 mm + 0.5 ppm / V 5 mm + 0.5 ppm	Hz 3 mm + 0.5 ppm / V 5 mm + 0.5 ppm	Hz 3 mm + 0.5 ppm / V 6 mm + 0.5 ppm
Affidabilità	99.99%	99.99%	99.99%	99.95%	99.99%	99.99%	99.95%
Posizionamento 5 Hz / 20 Hz	✓/✓	✓/✓	✓/✓	✓/✓	✓/✓	✓/✓	✓/✓
Dati grezzi / Registrazione dati RINEX / Uscita NMEA	✓/✓/✓	✓/✓/✓	✓/✓/✓	✓/✓/ X	✓/✓/✓	✓/✓/✓	✓/ X / ✓
Utilizzo come base RTK	✓	✓	✓	X	✓	✓	X
Modem telefonico / radio UHF (ricezione & trasmissione)	4G / ✓	4G / ✓	3G / ✓	Interno al controller / Solo ricezione	3G / ✓	3G / ✓	Interno al controller / X
Memoria	SD card	SD card	Micro SD card	Interno al controller	SD card	SD card	Interno al controller
Interfaccia utente (pulsanti / LED / display)	2 / 8 / X	2 / 8 / X	2 / 7 / X	1 / 3 / X	2 / 7 / X	7 / 7 / ✓	1 / 3 / X
Alimentazione, Bluetooth®, USB, RS232	✓	✓	✓	✓	✓	✓	✓ (no USB)
Eventi e PPS	X	X	X	X	X	✓	X
Temperatura di esercizio	-30°C to +50°C (camera active) -40°C to +65°C (camera inactive)	-40°C to +65°C	-40°C to +65°C	-40°C to +65°C	-40°C to +65°C	-40°C to +65°C	-40°C to +65°C
IP68 resistenza ad acqua, sabbia e polvere	✓	✓	✓	✓	✓	✓	✓
Peso (senza batteria)	1.25 kg	1.20 kg	0.93 kg	0.60 kg	1.20 kg	1.84 kg	0.70 kg
Durata batteria con radio UHF interna (Rx / Tx)	7 h / 5 h	7 h / 5 h	7 h / 5 h	7 h / NA (dispositivo nel controller)	15 h / 13 h	14 h / 12 h	X
Durata batteria con modem telefonico interno	6 h	6 h	6 h	7 h (dispositivo nel controller)	14 h	13 h	7.5 h (dispositivo nel controller)
Software e connettività	Captivate	Captivate	Captivate	Captivate	Captivate	Captivate	Zeno Field/Zeno Mobile/Zeno Connect Software 3e parti per Windows/ Android/iOS

✓ = Standard X = Not available

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- when it has to be right

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