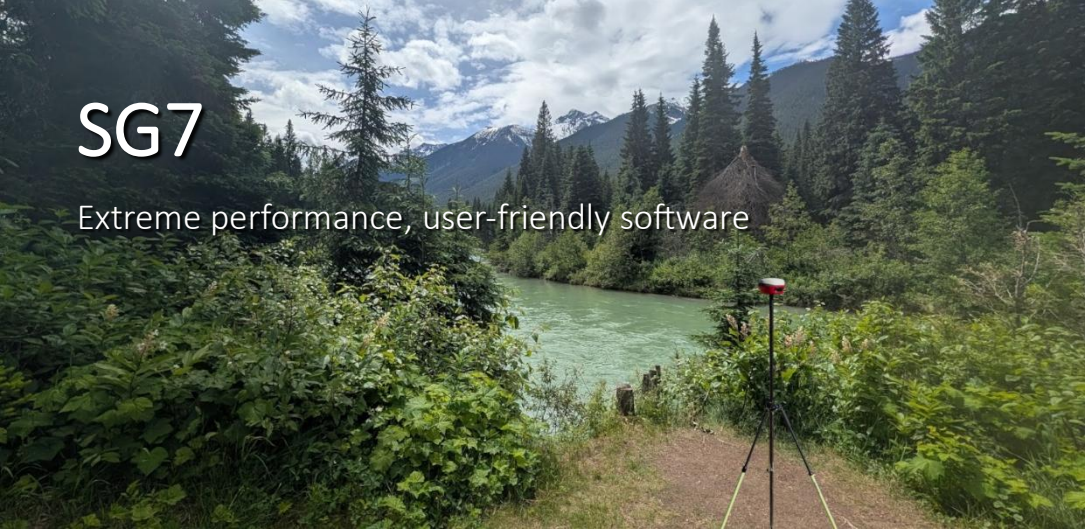
iGage

GNSS RTK Value, Service & Support



SG7

Extreme performance, user-friendly software

A Complete Receiver: full-constellation performance, robust construction.

Fully featured: 34-hour full-charge operation; built-in 4G LTE cell modem; powerful 2-watt UHF transmit; high-speed 5 GHz Wi-Fi and Bluetooth control.

The best under-canopy performance: The SG7 fixes faster and outperforms any receiver under canopy or in the open.

LandStar Field Software: Powerful and easy to use field software runs on any Android device. Lifetime GNSS license and updates included.

iGage support and service: ask any of our customers, iGage supports and services the equipment we sell.

Financing: 3.99% factory financing is available (OAC).

SG7 Base Rover Pair

SG7 Network Rover Kit

2m carbon-fiber range pole, Android collector, LandStar

SG7 Complete Base Rover Kit

Two 2m carbon-fiber range poles, Android collector, LandStar

End of year sale – ends Dec 31, 2026

Save up to $6,380

On our most popular receiver

Network Rover Kit	*Base Rover Kit*
SG7 Rover	SG7 Base + SG7 Rover
Tripltek Collector + Bracket	Tripltek Collector + Bracket
LandStar GNSS License	LandStar GNSS License
One carbon-fiber range pole	Two carbon-fiber range poles
Save $3,180 ~~$ 10,034~~	*Save $6,380* ~~$ 18,024~~
$ 6,840	$ 11,630

Order today

Call (801) 412-0011

Sale pricing while supplies last

SG7 Receiver

SG20AR

Visual pocket-sized GNSS

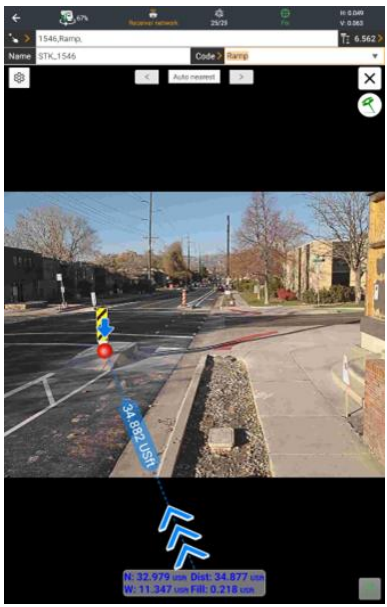
The SG20AR Visual Stakeout RTK is a powerful receiver combining:

- Visual stakeout high-speed augmented reality
- Lightweight 1 lb., small 4.2" diameter
- Tilt IMU- 200 Hz 5th Generation 60% tilt
- Dual cameras forward and down
- High capacity 17-hour internal battery, USB-C charging
- High sensitivity internal UHF radio
- UM980 GNSS engine

Combined with LandStar field software, stakeout efficiency is doubled with instant target display showing a red dot to the operator.

Its lightweight design and small size greatly reduces operator fatigue with no loss in GNSS performance.

Video demonstration available at igage.com



Visual Stakeout Guidance

SG20AR SG20AR rover		$ 6,990
SG20AR + SG7 Complete Base Rover Kit Two 2m carbon-fiber range poles, SG20AR rover, SG7 base, Android collector, LandStar Sale ends 12/31/2026 or while supplies last		~~$ 17,024~~ $13,830

Full-constellation performance meets measuring from a distance with an industrial grade green Laser Rangefinder (SG6L) enabling next generation non-contact survey. Each model features camera based Visual Survey. Both receivers support Visual Stakeout for rapid stakeout.

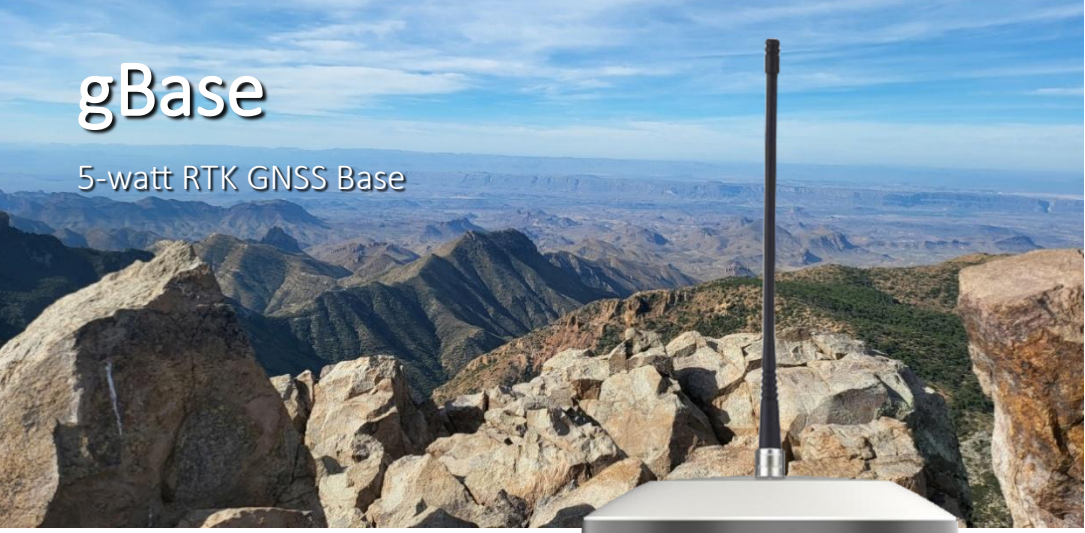
200 Hz IMUs automatically initialize when the head moves a few feet. 25-frame per second high-speed, 5- and 2-million-pixel, low light global shutter cameras drive visual integration. Visual Stakeout saves crew effort and time. Visual Surveying allows remote measuring using the SG6 or SG6L forward camera. The SG6L green laser EDM is especially well suited for tree, pipeline, and fence inventory.

Long battery life, low weight, small size, quick Time-to-Fix, and measurement stability make both of these receivers great options for stakeout, surveying and as-built work.

	SG6L	SG6
SG6 or SG6L Rover with range pole	 $10,760	 $8,568
Base Rover Kit Base rover kit including two 2m carbon-fiber range poles, Android collector, LandStar Sale ends 12/31/2026 or while supplies last	 ~~$ 19,846~~ $17,600	 ~~$ 17,024~~ $15,400

gBase

5-watt RTK GNSS Base



The gBase 5-watt UHF GNSS station is a purpose built, all-in-one Base station with all day endurance that goes for miles.

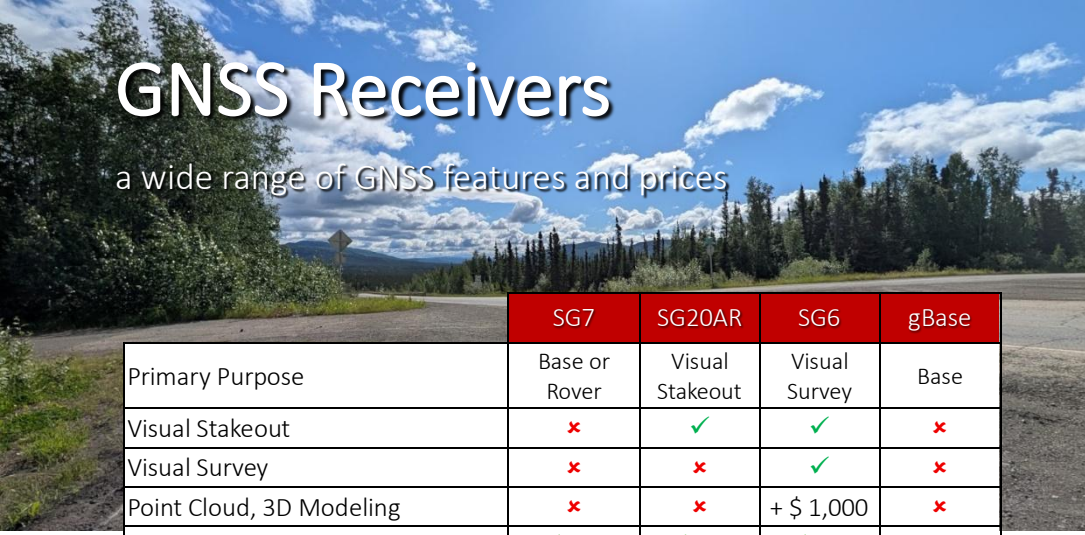
Built-in e-bubble tilt sensor notification (with CHC516).

Two removable 7,000 mAh batteries provide 12-hours of 5-watt base transmission, eliminating the need for large car batteries.

The gBase includes the latest cellular connectivity transmitting GNSS corrections to APIS, a TCP/IP caster or connecting to a network server allowing for a network based initial Rover position.

The gBase is a long-range base upgrade for any iGage, SG, or CHC RTK rovers.

gBase Base kit including tribrach, slant height measurement tool Sale ends 12/31/2026 or while supplies last	$ 7,990
SG7 Rover + gBase Complete Kit Base rover kit including one 2m carbon-fiber range pole, tribrach, Android collector, LandStar Sale ends 12/31/2026 or while supplies last	~~$ 19,024~~ $ 14,830



GNSS Receivers

a wide range of GNSS features and prices

	SG7	SG20AR	SG6	gBase
Primary Purpose	Base or Rover	Visual Stakeout	Visual Survey	Base
Visual Stakeout	✗	✓	✓	✗
Visual Survey	✗	✗	✓	✗
Point Cloud, 3D Modeling	✗	✗	+ $ 1,000	✗
IMU Tilt compensation (Hz)	✓ 200	✓ 200	✓ 200	✗
Max Tilt Angle	60°	60°	60°	
Internal Cellular Modem EG25 4G	✓	✗	✗	✓
Type C Data/Charge Port	✓	✓	✓	✗
7-Pin LEMO RS232, 9 to 28 VDC for Ext Power, Ext Radio	✓	✗	✗	✓
Display Screen	OLED + 2 LED	2- LED	4- LED	OLED + 2 LED
UHF Radio Tx Power (watt)	2	1	1	5
UHF Antenna Connection	TNC	SMA-F	TNC	TNC
Bluetooth®	4.2	4.2	4.2	4.0
Wi-Fi 802.11 AP mode	2.4G bgn	2.4G bgn 5G ac	5G ac	2.4G bgn
Data Storage for static	8 GB	8-GB	8 GB	8 GB
Front camera	✗	2 MP	5 MP	✗
Bottom camera	✗	2 MP	2 MP	✗
RTK run time (hours)	Rover 34 Base 16	Rover 17 VisStk 10	Rover 16 VisStk 9½	Base 12
Included accessories case, UHF antenna, SHM bar, charger, USB cable, ✓ 2-m CF prism pole	✓	✓	✓	tribrach
GNSS Engine (1408 ch)	UM980	UM980	UM980	UM980
Weight (lbs)	2.54	1.00	1.65	2.54
Size (W x H inches)	6.0 x 3.1	4.2 x 2.1	5.2 x 3.4	6.3 x 4.1
Environmental Rating	IP67	IP68	IP68	IP68
Warranty (years)	1	1	1	1

Tripltek 9 Pro

the brightest field tablet available

The brightest display, highest performance tablet available. Sustained brightness will not dim in direct sunlight. Over three times brighter than other mobile devices.

Ruggedized molded bumper construction, Military Standard 810G

IP68 rated works in the rain, even with pooled water on the screen.

8-inch, 4K Ready High-Resolution high color accuracy display.

Ultra-Bright 1300 cd/m: best in class.

Polarized screen for operation with polarized glasses.

12,200 mAH battery, 8-hour life at maximum brightness, fast 3.5 hour charging from 1%.

Tripltek 9 Pro Includes bracket, adjustable arm and pole clamp 	$1,255
Tripltek 9 Pro w/ LandStar8 Bundle Includes bracket, adjustable arm, pole clamp, LandStar8 GNSS 	$2,044

iGT68

Reasonably priced Android keyboard tablet

The iGT68 full keyboard Android field terminal is an industrial-grade design with a bright screen, high-quality keys, extremely long battery life, and a great clamp bracket for pole mounting.

- 18+ hour battery life, 9000mAH battery
- 51-key tactile keyboard
- 5.45-inch LCD display
- Capacitive touchscreen works in the rain
- 4G LTE dual-SIM capable
- Included quick-release bracket pole clamp
- Pocket-sized formfactor

iGT68 Includes collector bracket pole clamp	$960
iGT68 w/ LandStar Includes collector bracket pole clamp, LandStar8 GNSS	$1,750

LandStar

Powerful field Software

Easy to use field software. Easily imports and exports DXF, DWG, alignments, roads, surfaces, and more.

- Works on most Android devices
- Roads & Alignments
- Offset and stakeout surfaces
- Site calibration
- Single point localization
- Seamless user interface, quick to learn

Complete CAD features handle large jobs with 2D/3D lines, attributes, and many layer or data types.

- Large maps windows, sharp graphics
- Downloadable background maps
- Visual snap feature selection
- Layers, codes, attributes
- Plot designs or calculations in field
- Quickly invert, offset, and stake

Work rapidly with confidence in LandStar. Collect point groups, perform control workflows, calculate, and generate project files all for one fixed price including iGage service and support.

LandStar Data Collection Software (Android) GNSS	$790

iG5+

Reasonably priced Static GNSS receiver

iG5+ Tracks 1408-channels: GPS: L1/L2/L2P/L2C GLONASS: L1/L2 BeiDou: B1/B2/B3 Galileo E1/E5a/E5b

Designed for NGS OPUS-Static and OPUS-RS, perfect for OPUS-Projects and all Static GPS Campaigns or monitoring sessions, fully compatible with the simple to use CGO2 desktop PPK tool for manual processing and adjustment

Includes iGage exclusive iGX-Download Tool to easily download data for submission to OPUS and RTX CenterPoint

Large ground-plane geodetic antenna offers low angle tracking and near choke-ring performance

Simple one-button (power-switch) operation, emulates USB External Drive for download

6 GB Internal Memory: stores ~100 days of 5-second observation data

Large capacity internal 6,800 mAH battery, runs up to 12 hours on internal power

Rugged, Waterproof, Submersible, IP67

iG5 GNSS quality control at iGage

iG5+ iG5+ Static base	$2,700

Selectable Output Power: 5, 20 or 35-Watts
Configurable as cable-connected External Radio or a Store and Forward Repeater
410 to 470 MHz range, 25KHz or 12.5 KHz Channel Bandwidth
Supports common protocols:

- Transparent EOT FEC on, FEC off
- Trimtalk™ / TT450S
- Trimmark3™
- Satel™ FEC on, FEC off

32-channels, front panel selectable
Built-in Voltmeter displays battery status
Bail hook hangs on tripod, metal carry handle will not crack
Industry standard Power / IO and UHF connections
TNC-Female UHF Antenna Port
Ports protected from physical damage
Automatic shutdown on Low Voltage
IP67, case and connectors water and dust proof
1-Year iGage Warranty

iGR 35W Radio Kit Includes 5dBi high-gain external antenna (survey rod mount), UHF cable to TNC connector, programming cable, alligator clip battery power cable, printed user manual, iGage radio programming software.	$2,305

RS7 SLAM

Small, Easy, SLAM LiDAR Scanner

The CHCNAV RS7 is a handheld real-time 3D LiDAR SLAM scanner for quickly and easily scanning building features and facilities at a regular walking pace.

The RS7 uses the latest LiDAR paired with two 12MP RGB cameras.

Standard configuration includes lifetime colorized point cloud processing and outputs.

3D Gaussian Splat (3DGS) and 3D mesh file hardware and processing licensing are available.

A full-constellation GNSS helical built-in antenna automatically georeferences scans using network corrections.

Fast 500-Hz, 0.5°/hour IMU.

360° × 189° field of view captures floors and ceilings simultaneously — one collection completes the scan.

SmartGo field software (software included, BYO Android tablet or Tripltek Mini bundles available) controls collection and allows point cloud preview to confirm coverage before leaving the site.

CoPre desktop software (including lifetime licensing) delivers a georeferenced point cloud in any state plane zone or local coordinate system.

512 GB internal storage, IP64 rated. Lightweight 2.6-lbs. with a 150-minute battery integrated in the handle — no external cables or batteries.

RS7 Standard Kit SLAM LiDAR scanner, SmartGo field software, CoPre Lifetime processing, rugged travel case, battery handle	$ 10,999

TX73

3D Machine Control Excavator Guidance

The TX73 3D Guidance System for Excavators features easy to use in-cab software, robust IMUs, high-quality accessories and no ongoing costs of ownership.

Precise tip of bucket guidance and easy workflows create rapid productivity gains.

- Work directly from design files without re-staking the site imports *.LandXML, *.DWG, and *.DXF design files.
- MCPad300 display: 10.1-inch, 1920 × 1200 pixels includes cab bracket.
- Android 14, 8-core 2.2 GHz, 6 GB RAM + 64 GB ROM- render 3D surface models without lag.
- Dual AT315 GNSS antennas provide accurate machine heading and elevation.
- Four IP69K-rated IS300 IMU sensors: ±0.05° static and ±0.1° dynamic accuracy.
- Supports standard buckets, tilt buckets, tilt-rotators.

- Cell NTRIP and 450MHz UHF TT450S, Transparent, and Satel_3AS radio correction protocols.
- Cloud platform allows sending designs from office to machine.

TX73 Complete Installation Kit	$ 33,000
Cab Display, 2x AT315 rugged antenna, 4x IS300 IMU, UHF Rx Radio, Wi-Fi and 4G antenna, Mounting brackets, Cables, Brackets	

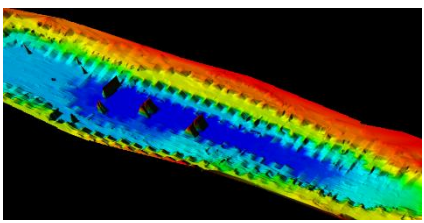
The Apache 3 Pro is a complete turn-key hydrographic surveying drone package. Featuring a high-performance single beam echosounder built in the robust carbon-fiber hull, dual-antenna precision GNSS and high-speed IMU technology.

The Apache boats feature premium connectivity with long range controller connectivity, UHF Rx antennas, and 4G LTE cellular modem built in.

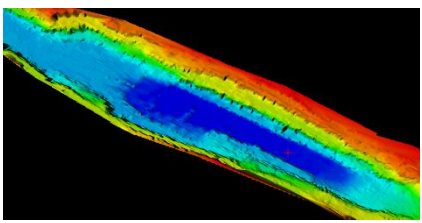
D270 Single Beam Echo Sounder:

- Temperature compensated to improve accuracy
- Sounding range: 0.5 to 650 feet (ideal conditions)
- Sounding accuracy: 0.03 feet + 0.1% * Depth, at 100' depth = 0.13'
- Frequency: 200 kHz

Internal IMU: High-speed IMU is used to correct for vessel attitude (pitch and roll):



Before correction



After correction

The Apache 4 is a larger boat featuring the built in D270 echosounder with room for an additional ADCP or multibeam echosounder.

Complete APACHE3 Pro USV Kit with Android controller and all software and training	$ 37,000

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