

GNSS Receivers

Sokkia Atlas

Advanced GNSS Receiver

The Sokkia Atlas with advanced full wave antenna is the most cutting edge RTK GNSS system available.

The Sokkia Atlas is a multi-constellation GNSS RTK receiver featuring 226-channel optimized satellite tracking technology. Using exible and dynamic tracking methods, it automatically selects and tracks any available satellite signal, providing users the maximum number of signals and measurements at any given time.



Multi-Constellation GNSS Receiver

- 226 Channels with optimized satellite tracking technology
- Integrated full wave GNSS antenna
- Internal UHF radio with optional cellular module
- 32GB SDHC storage support
- Dual hot-swappable batteries



GRX2

GNSS Receiver

Scalable - Affordable - Triple Wireless Technologies

The Sokkia GRX2 has been enhanced with the latest GNSS chipset technology, providing 226 channels and superior antenna quality. Both RTK and Static operations will be completed with increased productivity. The GRX2 provides unmatched usability and versatility that guarantees to increase productivity.



Maximum Versatility in RTK Applications

- 226 Channels (GPS + GLONASS + SBAS)
- Compact, Watertight, and Rugged
- Built-in GSM/HSPA modem makes the GRX2 an ideal rover receiver for network RTK positioning
- Can be used for both private RTK base and RTK rover using an internal digital UHF modem without any extra device
- The GRX2 is MAGNET™ Relay Ready - Cellular to Cellular base/rover RTK.
- Voice messages notify the users when RTK is fixed or lost, or other problems occur



GCX3

GNSS Receiver

Pint-sized powerhouse

Get centimeter level results without being weighed down by your equipment. This compact receiver delivers full-featured, high-precision performance. The GCX3 is the ideal local jobsite base/rover RTK (Real Time Kinematic) system or Network RTK rover. And like all of our products, you can customize it to meet your needs and create your own workflows.

- All-in-view constellation GNSS receiver
- 226 optimized satellite tracking channels
- Second generation POST2TM (Precision Orbital Satellite Technology) integrated antenna – robust signal tracking even around interference sources.
- Compact, lightweight, rugged and cable-free design
- Ideal Network RTK rover
- Wireless, multi-channel Long-Range Bluetooth® technology



Data Collectors

SHC5000

Ruggedized Field Computer



The unit is built for speed with an Intel® Atom™ Z3745 processor, which drives any Sokkia software solution with ease and is ready to work with your large design files.

Key features include:

- Sunlight-readable 7 in. Display
- Intel® Atom™ Z3745 Processor
- MIL-STD-810G and IP68 Certified
- Windows® 10 Operating System
- 8 MP Rear Camera, 2 MP Front Camera
- Integrated 4G LTE Cell Module (optional)

SHC500

Ruggedized Field Controller

Key features include:

- Large Sunlight-Readable Display
- MIL-STD 810G and IP68 Certified
- 1 GHz Processor
- 5 MP Camera
- Up to 16 hours operation
- 3.5G Cellular Module (optional)
- Internal GPS 2-5 m Accuracy

The SHC500 includes a capacitive touch screen, similar to many of the smartphones used every day. The display surface is also extremely scratch-resistant, and much more pierce-resistant to sharp objects as compared with other resistive displays.



S-10

Mobile Field Controller

Long Life Battery

The 3000 mAh Li-Ion battery provides up to 10 hours to your extended working day.

Key features include:

- Windows Mobile® 6.5
- 624MHz Intel X-Scale Processor and Graphics Accelerator
- Integrated Bluetooth®, Wi-Fi, and Cellular Modem
- Integrated 5 Megapixel Camera
- VGA Color Display, Sunlight- readable Trans active Touch Screen
- Waterproof IP65

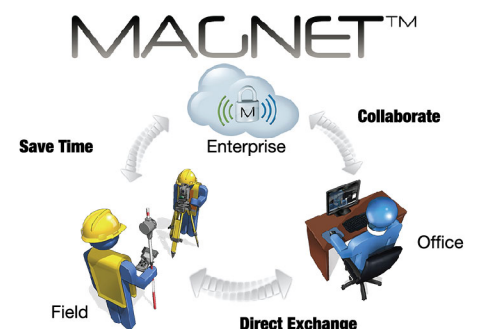


Software

Field & Office Connected

The software solution that streamlines the workflow for surveyors, contractors, engineers and mapping professionals.

- **MAGNET™ Enterprise**
Controller software that will increase your productivity and connect you to others in the field as well as in the office.
- **MAGNET™ Field**
Stand-alone processing and CAD solution for surveying and grading applications.
- **MAGNET™ Office**
Browser-based solution to manage your field and office data in the cloud. Track your assets and communicate with everyone involved on projects. Login from any browser for live updates. Save time and collaborate.



Total Stations

iX Series

Robotic Total Station

Auto Tracking Models/
Auto Pointing Models



The Ultimate Total Station

Experience performance like you have never seen before. This is the fastest, lightest, most powerful Sokkia robotic instrument ever produced. Like all of our solutions, you can customize it to meet your needs and create your own work flows.

RC-PR5 RC-Controller

The RC-PR5 On-Demand Remote Controller allows rapid prism search regardless of your position.



MAGNET[™]
Field



Bluetooth[®]

Features for Auto-Tracking and Auto-Pointing models

- Fast UltraSonic motors
- 30% smaller and lighter with more functionality
- Field and office, smartly connected
- Better by design & Extremely accurate
- IoT - Total Station now offers Internet connectivity

FX Series

Functional X-ellence Station

Advanced Total Station

FX features SOKKIA's original absolute encoders that provide long-term reliability in any job site condition. Dual-axis compensator ensures stable measurements even when setup on uneven terrain.

Sokkia's traditional motion clamp and tangent screw are employed to ensure stable angle measurement.

FX-101 and FX-102 feature groundbreaking IACS (Independent Angle Calibration System) technology for extremely reliable angle measurement.

- Windows[®] CE operating system in compact, rugged body
- MAGNET Field on-board application software
- Advanced Angle Measurement System
- RED-Tech advanced reflectorless measurement
- Long-Range Bluetooth[®] wireless communication
- Waterproof, Rugged and Operator friendly design
- Long-lasting Battery



RED-tech Technology Reflectorless EDM

MAGNET[™]
Field

Bluetooth[®]



iM-100 Series

Intelligence Measurement Station

Evolving Entry-Level Total Station

You get fast, accurate, and powerful EDM technology, best-in-class accuracy up to 6,000m* with a prism and up to 1000m* in reflectorless mode, and a battery life of up to 28 hours. The iM-100 is ready to be your hardest worker out in the field.

- Fast, accurate and powerful EDM
- Integrated Bluetooth[®] technology - no external antenna (optional) necessary for connectivity with the controller
- Dual axis compensation
- Accuracy in Prism mode 1.5 + 2ppm x D mm
- Waterproof IP66 rating
- Up to 28 hours of battery life in Eco mode

*Under good atmospheric conditions



Bluetooth[®]



iM-50 Series

The iM-50 Series is the perfect entry-level site layout and survey tool offering reliability and flexibility without sacrificing cost or functionality.

The iM-50 is also armed with a top line EDM, generous internal memory storage, and SDRbasic on-board software so you have everything you need to get the job done out in the field.

- Integrated Construction and Survey Application Software
- Fast, accurate, and powerful EDM
- Reflectorless up to 500m
- Prism range up to 4,000 m
- Advanced angle accuracy (2" or 5")



Theodolites

DTx40/DTx40L Series

Digital and laser-equipped models to fit every need



- Unsurpassed 2.5" telescope resolving power*
- Absolute encoders for maximum angle precision
- Industry's highest water and dust protection—IP66
- 220m /660 ft long-range laser pointer (L models only)
- 0.4mm@10m ultra-focused beam spot (L models only)

Choose a DTx40 / DTx40L series digital theodolite for maximum productivity.

SDL1X

Digital Levels



SDL1X

Ultimate Benchmark

- Saving Measurement Time by up to 40%
- Intelligent Auto Focus (option)
- Measurement and Recording Programs
- World's Highest 0.2mm Precision



SDL30/SDL50

- The SDL30/SDL50 automatically calculate height difference and elevation.
- Setting-out for cut/fill can be easily performed.
- Internal memory stores 2,000 points of data in 20 job files.
- Measured data can be exported in CSV format using "SDL TOOL" software.
- The innovative "Wave-and-Read" technology provides automatic detection of the least value of staff reading while the staff is waved back and forth.



SDL30



SDL50

Levels

B2o • B30A • B40A

Automatic Levels

World-Proven Precision and Durability

- Precise, Reliable Automatic Compensator
- Quick Collimation
- Superior Telescope
- Horizontal Angle Measurement
- Rapid, Easy Setup



B2o

B2o
32x
Telescope

B2o
0.7mm
Accuracy

IP66

X6

B30A

B30A
28x
Telescope

B30A
1.5mm
Accuracy

IP66

X6

B40A

B40A
24x
Telescope

B40A
2.0mm
Accuracy

IP66

X6

Services Offered

- Calibration Services
- Annual Maintenance Contracts
- Warranty Services
- Expert Technical Support

Your local Authorized Dealer is:

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