



A3 Static Receiver Stop and Go GNSS Receiver



- Advanced rugged design
- Voice messages
- OLED display with superior brightness & temperature range
- Stop and go function
- Compatibility, can work with other brands' single & dual-frequency receivers to do control surveying



Controller helps to collect data during Stop and Go

A3 Static Receiver Specifications

Receiver

Receiver Type:	L1, C/A code, with carrier phase smoothing
Channels:	12-channel, parallel tracking (10-channel when tracking SBAS)
SBAS tracking:	2-channel, parallel tracking
Update Rate:	Maximum 1Hz
Time to first fix (C/W/R):	60s/45s/20s
Reacquisition:	1s

Memory

4 GB internal memory

Power consumption

Battery:	5800mAh Li-ion
Voltage:	7.4V
Working time:	≥24 hours
Charging time:	≤6 hours

Static Accuracy

Static horizontal accuracy:	5mm+1ppm
Static vertical accuracy:	10mm+1ppm
Single positioning accuracy:	<2.5m 95% confidence <0.6m 95% confidence(DGPS)
Operating Distance:	≤30km

Environmental

Operating Temperature:	-30°C to +65°C
Storage Temperature:	-40°C to +75°C
Humidity:	100% condensing
Waterproof:	IP67(IEC60529)
Shock:	2 m (6.56 ft) pole drop

Physical

Size:	20x11 cm(Φ x H)
Weight:	1.4kg (include battery)

Office Software Suite: FOIF Geomatics CAD

Main functions include:

DWG file format, compatible with AutoCAD
Integrated transformation and grid system computations
Full 3D least squares adjustment, blunder detection, graphical ellipse display
DTM contouring/Modeling volumes/3D rendering
Site Design: Ponds, ditches, stockpiles and slopes
Road Design: horizontal and vertical alignments, cross sectional templates
12 hours of built-in training movies
Completely customizable user interface
-Toolbars - can be arranged with "drag and drop" functionality
-Menus - can be re-organized with our graphical menu editor
-Screen - items can be turned off for more graphics area
-Layout - of command window - top or bottom
Reporting, exporting and printing

Office Software Suite: FOIF Geomatics office

Main functions include:

Network post-processing
Integrated transformation and grid system computations
Pre-defined datums along with use -defined capabilities
Survey mission planning
Automatic vector processing
Least-squares network adjustment
Data analysis and quality control tools
Coordinate transformations
Reporting
Exporting
Geoid

FOIF Since 1958
It's professional

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