

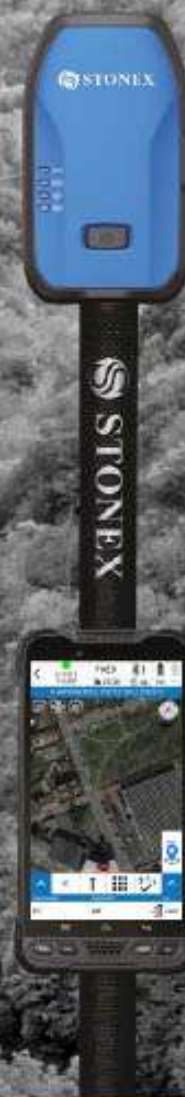
GIS, Mobile GNSS & Controllers

Solutions for accurate geographic data field collection

GIS solutions combine positioning, communications and software to equip the mobile workforce. GIS products greatly improve productivity in hundreds of industries by geo-enabling field workforces with precision, rugged, and easy to use products.

STONEX provides a wide variety of applications to the GIS industry.

All applications involve the use of innovative STONEX mobile solutions to allow organisations to integrate their field personnel into a bidirectional data flow. Powerful tools for display, query and selection, ensure that field personnel receives the maximum advantage for both the data they already hold and the data they are collecting.



S7G

GNSS Handheld Receiver



GIS & SURVEY in one solution

Stonex S7G GNSS receiver combine the modern positioning technology and versatility of a powerful handheld, perfect for collecting geographic data and operate fast and accurate measurements. S7G handheld is compact, ergonomic and small size and weight: 234 x 99 mm and 895g.

S7G is powered by a Cortex A6 AM333X 1GHz processor and Windows Mobile 6.4 Professional operating system.

To increase performance and to load the job data is available an SD card slot for external memory (internal 32 GB is included).

S7G integrate a GSM/GPRS modem that provides fast and efficient internet connection directly on the field, and Wi-Fi and Bluetooth technology, that allow the user to receive/transfer data quickly and conveniently on long distances.

Thanks to the 3G internal modem there is also the possibility to improve the accuracy of data, connecting to real time differential correction network provider.

Internal GNSS antenna for centimetric accuracy in RTK environment, a real topographic Rover, all in one handheld receiver

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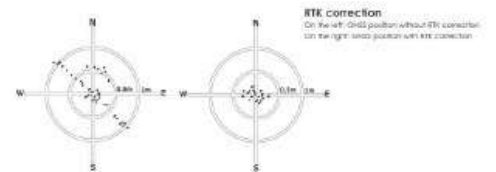


S40

Advanced Controller

Stonex S40 can be used in any situation wherever the field staff goes. Complete product certifications and the advanced manufacturing process, ensure that the device is high efficient steady and durable, it can bring an unprecedented experience even for GIS users. S40 has on board the Android system for greater flexibility regarding applications that can be used and possibly developed specifically. Collect data with the required accuracy, thanks to the real time differential corrections (RTK/SBAS).

S40 is a very flexible instrument, can be used as a controller to manage all GNSS Stonex, it can be a data logger connected to TS and can be used stand alone as a GNSS receiver for GIS applications where a precision better than 50cm is required.



S500 Small and lightweight GNSS Receiver

Compared to traditional GIS products, the S500 is an intelligent, high precision data acquisition receiver that can be used without the need to hold it in your hand and therefore offers greater freedom of movement and flexibility.

Thanks to the internal web interface, the receiver can be configured and prepared to receive RTK differential corrections and ready to be connected to any software for Survey or GIS.

The S500 offers high-precision positioning and is equipped with a high speed 4G module. The positioning is so fast and reliable that it can also be used by vehicles moving at high speed. S500 works with all 4 satellite system (GPS, Glonass, BeiDou, Galileo), support access to external differential RTK signal to get centimeter level positioning results. Rubber protective cover, increase the protection of the device, non-slip and no damage, the whole device protective class reaches IP67, and it resists 1.2m hard ground drop.



- 
ANDROID SYSTEM
 Android system on board
- 
4 CONSTELLATION SYSTEM
 GPS, Glonass, BeiDou, Galileo
- 
HIGH PRECISION
 High precision positioning, centimetric accuracy
- 
WEB UI
 Web interface for controlling and managing settings
- 
DATA TRANSMISSION
 Wi-Fi, Bluetooth and 4G



S500 GNSS Receiver From GIS to Topography

S500 is a versatile and flexible instrument, capable to offer high accuracies for the demanding users, switching from GIS to topographic Survey. Precision Farming, Mapping, GIS data collection, environmental agencies, forestry are just a short list of the fields where Stonex S500 will give a decisive impulse to the productivity and to the quality of the positioning data, with the ability to use the already existent devices, as Smartphones and Tablet with Android, iOS and Windows OS.



Android

UT30 & UT10 Rugged Tablet

UT30 and UT10 are reliable and high performance Rugged Controllers. These Android mobile devices are ideal for managing the survey in the field. Resistant to water, dust and shocks (IP67), they are suitable for operating even in the most difficult environmental conditions. UT30 and UT10 are equipped with Wi-Fi, Bluetooth, NFC, GSM modem and GNSS receiver technologies.

UT30 | 8"



UT10 | 6"



Our controllers together with our Android Cube-a software are modern management tools and allow you to work with maximum productivity



Windows

UT52, UT50 & UT20 Rugged Tablet

UT52, UT50 and UT20 are reliable and high performance Rugged Tablets. Windows 10 mobile devices are ideal for managing software applications for field survey and data collection. Resistant to water, dust and shocks (IP67/IP68) they are suitable for operating even in the most difficult environmental conditions.

UT52, UT50 and UT20 are equipped with Wi-Fi, Bluetooth, GSM modem and GNSS receiver technologies.

UT52 | 10.1"



UT50 | 10.1"



UT20 | 7"

TABLETS & CONTROLLERS

Product Comparison



	UT52	UT50	UT20	UT30	UT10	S40	S41i
Processor	1.92 GHz	2.8 GHz	2.4 GHz	2.2 GHz	2.2 GHz	1.1 GHz	1.0 GHz
Operation System	Windows 10 Pro	Windows 10 Pro	Windows 10 Pro	Android 8.0	Android 8.0	Android 7.0	WIN Mobile 6.5
RAM	4 Gb	8 Gb	4 Gb	4 Gb	4 Gb	1 Gb	512 Mb
Flash Memory	64 Gb	128 Gb	64 Gb	32 Gb	32 Gb	8 Gb	8 Gb
Display	10.1"	10.1"	7"	8"	6"	4.3"	3.7"
Display Resolution	1280x800	1280x800	1280x800	1280x800	1920x1080	800x480	640x480
Camera	5 Megapixel	8 Megapixel	8 Megapixel	13 Megapixel	13 Megapixel	8 Megapixel	5 Megapixel
Connections	Serial RS232	NO	Optional	NO	NO	NO	NO
	USB Type C	✓	✓	✓	✓	✓	✓
	USB Standard	✓	✓	✓	NO	NO	NO
	Wi-Fi	✓	✓	✓	✓	✓	✓
	Bluetooth	✓	✓	✓	✓	✓	✓
	HDMI	✓	✓	NO	NO	NO	NO
	NFC	NO	✓	NO	✓	✓	NO
GNSS	✓	✓	✓	✓	✓	✓	✓
RTK correction	NO	NO	NO	NO	NO	<50cm	NO
Connector for GNSS	NO	✓	NO	✓	✓	NO	NO
External Antenna	NO	✓	NO	✓	✓	NO	NO
GSM	NO	✓	✓	✓	✓	✓	✓
Change Battery	NO	✓	✓	✓	✓	✓	✓
Power Battery	8 hours	8 hours	8 hours	10 hours	10 hours	10 hours	10 hours
Nr. Battery	1	2	1	1	1	1	1
Weight	780gr	1.540gr	700gr	618gr	360gr	570gr	600gr
Size	268x183x14mm	293x203x21mm	207x138x20mm	242x152x19mm	165x92x14mm	194x90x40mm	193x91x42mm
Operating temperature	-20° + 55°	-20° + 55°	-20° + 55°	-20° + 60°	-20° + 60°	-30° + 60°	-30° + 60°
Protection class	IP67	IP68	IP67	IP67	IP68	IP67	IP67

Cube Suite

STONEX complete Field & Office Software solution

Cube Suite is the complete software solution designed and developed by STONEX for on field and in office use. Work on field with the software for GNSS RTK, GIS and Total Station surveying. Continue working in office with the software for data transfer, graphical visualization and analytical data processing.





Cube-a is the Stonex surveying and mapping software designed and developed for Android platform.

Thanks to the flexibility of the Android environment, we have been able to create a simple and intuitive user interface that makes surveyors ready for any work, saving time and increasing productivity.

Full support for touch gestures and the possibility to install it on Smartphones and Tablets are the keys to the success of Cube-a.

It also includes support for many languages and adjusts it's interface as from the current system language setting.

Cube-a is available in three versions: Cube-a for GNSS, Cube-a for GNSS+GIS and Cube-a for mechanical and robotic Total Stations.



FIELD SOFTWARE

Cube-a Stonex field software

Stonex field solutions for GNSS RTK, GIS and Total Station surveys will make operators' work quick and easy, ensuring high productivity in all jobs requiring precision and efficiency.

GNSS

Cube-a is compatible with all Stonex GNSS Receivers, it allows to work in Rover, Base and Static mode. It also provides the opportunity to survey points in Step&Go, ensuring efficiency, high precision and flexibility in the field.

SKY PLOT

Various screens provide useful information on the status of GPS, we also developed the possibility in the Sky Plot to read the presence of ALOS. This innovation to show ALOS correction is in order to help and facilitate the work of surveyors so that, when this correction is needed, they can know if the satellite is seen and in what position.

SURVEY

Simple and intuitive survey interface with numerous indicators that immediately help the surveyor to understand what kind of work and in what conditions it is taking place.

From the solution indicators to the quality indicator, from the information on the batteries to the information on the points, we have developed this control panel from which you can easily change settings, see the collected points, add graphic elements and drawings or proceed surveying.



PHOTO & SKETCH

To improve and complete the survey and stakeout functions, you can also use the Photo & Sketch. This function can be used while surveying or even on the points already acquired. The points can be enriched with notes, arrows, text, photos and simple drawings. The command was developed in order to create a work environment that can be customized to the maximum, in fact the elements that can be inserted can be rotated, moved or deleted.

STAKEOUT

A compact and complete interface of all the functions that can facilitate the work in the field. We have enriched this function with references for fast, accurate and simple movement indicators. In order to speed up the processing and make it pleasant. Thanks to this interface, you can read all the information necessary for the stakeout, select points or add them and quickly change all settings. All this is possible without ever leaving the main screen. Even in case of small monitors, the information and commands are always smartly arranged and readable, the buttons are clickable without difficulty and some of them can be reduced to improve the visibility of the map.

TOTAL STATION

We have developed the possibility for Cube-a to work on mixed surveys, thanks to the implementation of the support for Total Stations. The Total Stations are supported via Bluetooth. Moreover, having developed the possibility of Free Stationing, Stakeout and Cloud Integration, this feature makes the program a reference point for professionals who want a complete and innovative program.

cube-manager

Cube-manager has been developed to work on desktop computers running Microsoft Windows and it implements the tools to download, to manage and to process the data acquired with one of the mobile solutions.

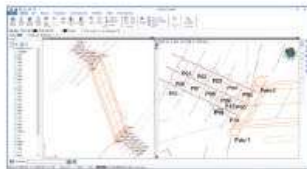
Using this software, you can integrate mixed GNSS RTK and Total Station data, process Raw GNSS data in different ways, import and export the data from and to the most popular known formats.

This software will help operators providing the best functions for data transferring, graphical visualization and analytical data processing. The software is composed of various optional modules and a free version.

cube-manager

Cube-manager is a software for managing data from GNSS receivers and Total Stations. It is composed of 3 main modules (P, I, M), each one specialized in a series of functions. Among the functions shared by all the modules, you can have plane-altimetric elaborations, generate 3D models and calculate contour lines.

The measurements can be displayed in 2D, 3D and superimposed on raster, satellite or cadastral images. Through a sophisticated internal CAD, you can interact with the data using powerful and complete drawing tools and trap functions, even in 3D. Importing and exporting data are supported in various formats such as DXF, DWG, EML, CSV and others.



cube-link

Cube-link is a light and free version of the Cube-manager. The program performs many of the fundamental functions for professionals in the topographic sector.

Among the functions, it can manage TS surveys as well as GNSS surveys, with the possibility to edit the surveys by adding graphic elements. It supports numerous data formats when importing and exporting. It is constantly updated and users can take advantage of technical support.

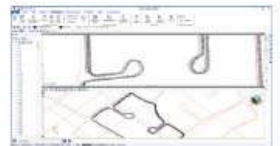


OFFICE SOFTWARE

Cube-manager Modules

Cube-manager-p

The P is the Cube-manager's optional module dedicated to the post-processing. It offers the possibility to perform correction calculations with maximum accuracy. In addition to the basic features of the software, this module provides functions for the calculation of Stop&Go post-processing, Static post-processing for single and multiple bases, Kinematic post-processing, and least-squares Network Adjustments. Cube-manager-p is constantly updated to improve its performance.



Cube-manager-t

The T is the Cube-manager's optional module that enriches and completes the topographic functions of the software. This module provides sophisticated functions of rotation/translation and coordinate conversion. It enhances the management of TS surveys by integrating the traverse calculations and the 3D network calculation. It allows the georeferencing of raster images. The aim of our developers, when implementing these functions, is always simplicity and intuitive use; in addition to that, users can always make use of technical support.



Cube-manager-m

The M is the Cube-manager's optional module dedicated to modeling. This is the module designed for professionals who will work on constraint triangulation, volume calculations, contour lines, height profiles etc. In this case, the user will have all the CAD commands, COGO commands and functions on the graphic entities provided in the basic software core but will also be able to perform even more specific functions such as those mentioned above.

