



PRESS RELEASE

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STONEX®Europe updates its product offer releasing SIGS (Stonex Integrated GNSS System). SIGS is the integration of the last born of S9 series and suited Cube software.

SIGS is the new integrated system able to combine GNSS receiver and proprietary software entirely produced by STONEX®Europe. The system includes the new GPS/GNSS S9 III receiver, cutting-edge product easier and intuitive for surveying professionals, and CUBE, the new survey software smart and powerful.

STONEX®Europe third generation S9* expand GPS/GNSS receiver product range with some functional innovations that improve the use for professionals survey. S9 III completes STONEX offer with an extremely flexible product for surveying applications thanks to its advanced characteristics. S9 III combines a compact and light mechanic with an embedded 220 channels GNSS board accurate and quick in satellite fixing, a UHF internal transmitting and receiving radio, GSM/GPRS module for network connection and a Bluetooth device for wireless purposes. The receiver is delivered full of accessories for Rover/Base applications.

S9 third generation uses a GPS/GLONASS antenna specifically conceived to reduce variations of phase center position, improving observation accuracy. RHTP (Right Hand Circular Polarization Characteristics) technology enhances signal reception, reducing errors due to multipath even in case of signal polarization change.

Carefully designed with bright colors, STONEX®Europe S9 III receiver has its antenna on the upper side and battery and radio on the lower one. IP67 certification ensures an optimal watertight for mechanical parts, a high shock resistance and complete dust tight. Weight and dimensions are lower than previous receiver series: a weight of 1,2 kg and a carbon pole make S9 III easy to carry.

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STONEX®Europe S9 III receiver supports all required survey configurations: static, RTK Base plus Rover, RTK Rover with differential corrections received from a reference base or from a GPS network, like Stonex Italian national network.

S9 III receiver ensures a quick setup for every working mode. The thermal stability and battery consumption are also improved, increasing performances on field. International high technological level raises data transfer efficiency in UHF radio mode, reducing bit error rate (BER) value to a maximum of 10^{-7} .

The UHF antenna supplied with the receiver has a 20 MHz bandwidth, with constant gain into the entire operative range. S9 III receiver transmits with a radio power of 0.5 W as base mode, while for longer distances it is always possible the connection with higher performance external radio (optional).

Cube: STONEX® Europe GNSS software

Entirely developed and realized by STONEX R&D Lab, Cube is the brand-new software for GNSS survey with mobile devices. Its integration with S9 third generation receivers makes Cube the essential tool for professionals' day-to-day work. Cube combines a fresh and easy interface with a simple and powerful workflow for the user.

Cube Software and S9 III receiver were developed in coordination permitting the introduction of many functional innovations thanks to this important synergy. Operations on surveyed data are extremely trustful, job management is simple, archive and recover data options are smart and powerful. Cube implements strong configuration task for the receiver and its components, fast and user friendly interface thanks to its logical and well organized access menu and an absolute control on data and corresponding parameters.

Cube's revolutionary survey system allows point or surveyed entity definition code (attributes) with one click. Cube software and its intuitive interface show all the necessary elements always on screen and maximize the productivity closing complex operations with extreme simplicity.

*S9 third generation receiver and Cube software could be sold separately and they work autonomously.

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Company Profile

Stonex[®] Europe srl is a multinational company, based in Lissone (MB), which deals with the design and manufacture of surveying instruments for high precision applications in civil engineering, surveying, security, transport and mining. Stonex Europe is always characterized by its high standards of quality, precision, efficiency and reliability, allowing each project to become a landmark ageless. The company operates in over fifty countries, with a full range of products through a network of highly qualified distributors and resellers.

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