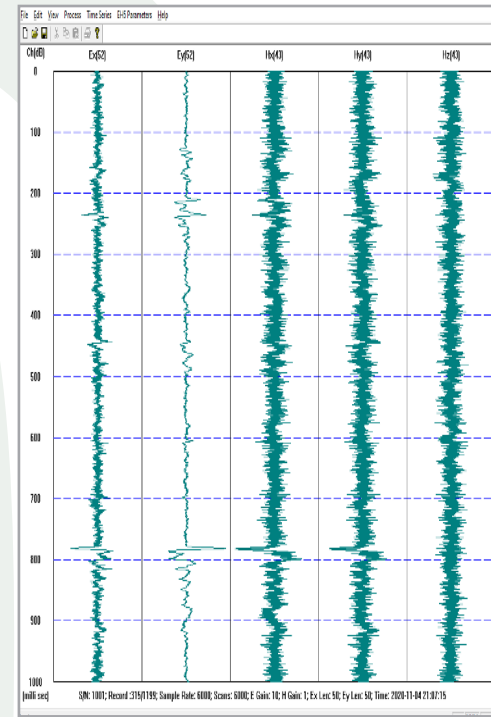


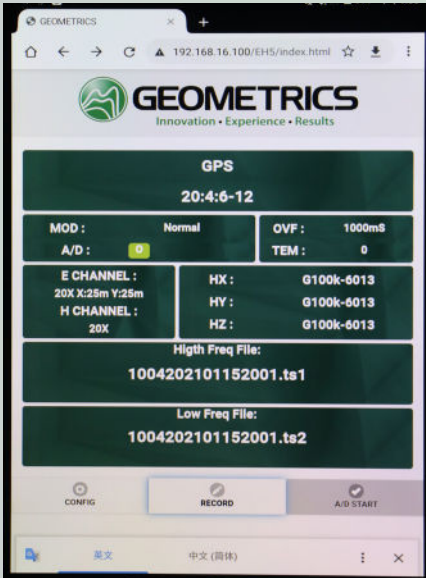
FEATURES & BENEFITS

- **WiFi Communication between Receiver and Controller** - See your data in real time for in-field quality control
- **Web Browser Interface** - Use your own Android or Windows device to control the EH5 receiver
- **In-Field Display** - for real-time quality control - see time series, resistivity curves, phase curves, Bostick resistivity depth and other MT parameters
- **Enhanced Signal Availability** - Natural field MT signals and remote reference provides the highest quality AMT data, even in the AMT dead zone
- **Fast Setup and Survey Times** - Increase productivity while spending less time and money in the field.
- **Multiple Export Formats** - Export data to suit your particular needs, including EDI format, Columnar ASCII DAT, and Geometrics Data Files
- **Measure Both Scalar and Tensor Resistivity** - Create representations of the subsurface geology more accurately
- **Remote Reference** - The optional EH5 remote reference station can be used to increase data quality throughout the frequency band and used as a second sounding expansion module to increase survey productivity



In-field display for clear, real-time QC

Modern hardware and software make for a system that is both easy to use and easy to maintain

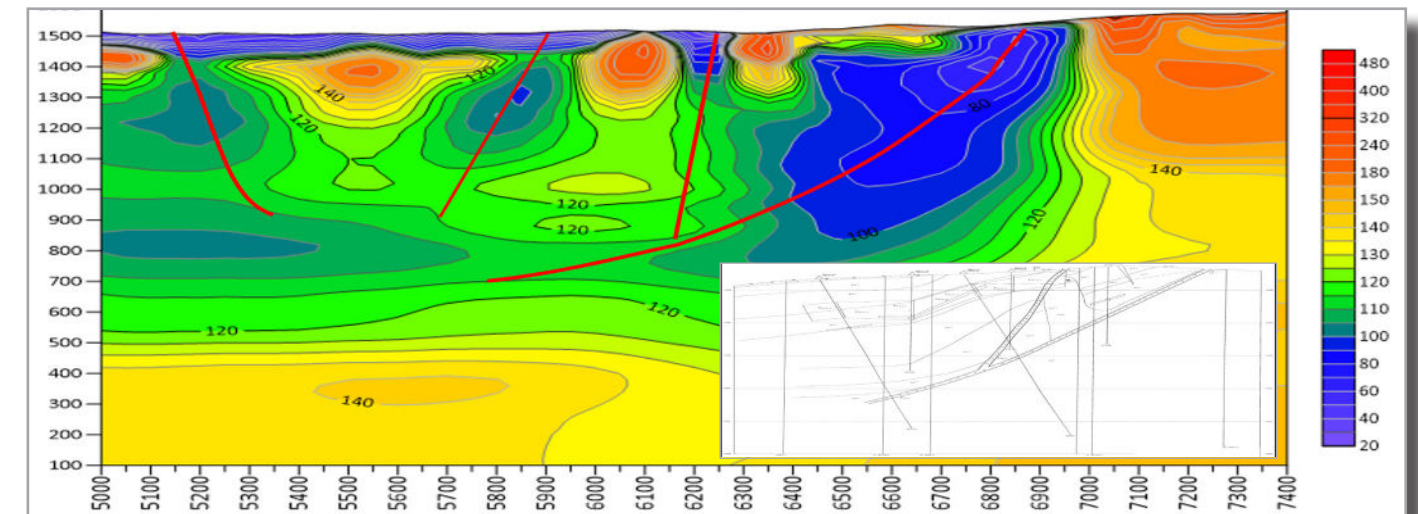


Our redesigned software runs using a standard web browser interface on both PC and Android tablets as well as on Windows-based PCs. This simple user interface allows you to easily review time series, resistivity curves, phase curves, Bostick resistivity and depth profiles as well as other MT parameters for immediate feedback on signal quality and in-field quality control. Review your data before leaving the field to ensure that the data you are collecting is of the highest quality.

Simple User Interface
Android and PC Compatible

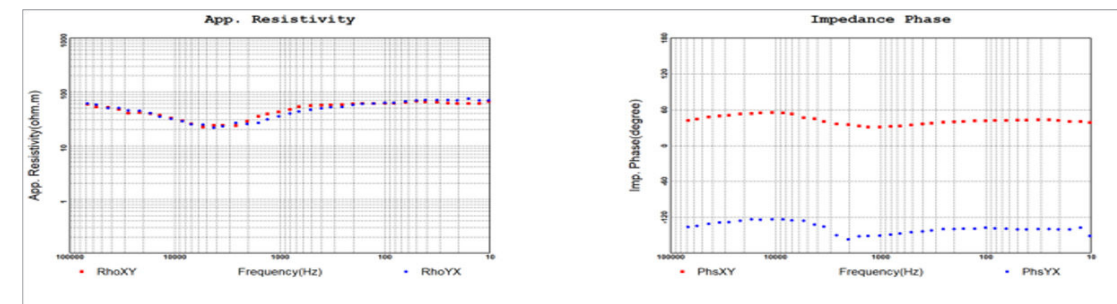
Mineral Exploration, Groundwater Investigation & Geotechnical Site Characterization

The Stratagem EH5 is a completely modernized version of our best selling Audio-Magnetotelluric (AMT) instrument. The EM technology we've developed is trusted worldwide and used in a wide variety of industries as well as in academic and research institutions. Geometrics' customers use our EM instruments to locate clean groundwater supplies in remote environments, diamond mines in Africa and economic metal deposits in South America and to assess geotechnical hazards in Asia.



2-D inversion data from a mineral exploration study that shows a fault striking roughly 65°-75° and with a dip of approximately 65°-75° to the southeast. The ore is hosted in silicified breccia that is formed along the normal-oblique faults in this region. The inversion data shown here closely correlates to the geological map (inset) of the area.

Produce images from 10 meters up to 1,000 meters for high-resolution resistivity depth sections



The three magnetic and two electric channels allows for high-quality measurement of the horizontal magnetic fields, electric fields, and the vertical magnetic field for tipper calculations.

With over 50 years of experience in the geophysics industry, trust Geometrics to help you
Simplify your search!

SPECIFICATIONS | Stratagem EH5 High-Frequency Audio Magnetotellurics

Stratagem EH5

High-Frequency Audio Magnetotellurics with Optional Remote Reference Station

Operating Principle: AMT, HSAMT. Audio magnetotellurics (AMT) and hybrid-source AMT (HSAMT) are electromagnetic exploration methods using naturally occurring currents flowing in the Earth's subsurface. In the AMT band, these are mostly generated by distant lightning strikes that can be up to several thousand kilometers away from the survey site. The optional HSAMT transmitter supplements the natural AMT signal with a low-power transmitter designed to fill in the weak signal band called the AMT dead-zone.

Frequency Range: 1Hz to 96 kHz.

Number of Channels: five (Ex, Ey, Hx, Hy, Hz)

Electric Sensors: stainless steel stakes.

Magnetic Sensors: Model G100K induction coils with bandwidth of 10 Hz to 100 kHz

ADC: 32-bit high-speed

Temperature Range: -20° C to +85° C

Controller - Data Logger: Ruggedized laptop PC or Android tablet

GPS Synchronization Accuracy: <20 ns

Input Impedance: >20M Ohm

Dynamic Range: 127dB instantaneous

Noise floor: <5 nV/√Hz @ gain 20 (10 Hz - 70 kHz)

Receiver Storage Capacity: 32 GB

Acquisition Gain Settings: E: 1, 10, 20 and H: 1, 2, 5

Sample Rate: 192 kHz, 6 kHz, 75Hz

Receiver Dimensions: L36 cm x W36 cm x H32 cm

Receiver Weight: 5.8 kg

In Field QC: Time series, apparent resistivity, phase values, Bostick resistivity and depth, AC-DC noise levels, spectral amplitudes

Power Consumption: 8 Watts

Optional Remote Reference: Remote module available as option. May also be used as a second sounding Station

Shipping Case Dimensions: TBD



Specifications subject to change without notice.

Stratagem EH5 0323

GEOMETRICS INC. 2190 Fortune Drive, San Jose, California 95131, USA
 Tel: 408-954-0522 • Website: www.geometrics.com • Email: sales@geometrics.com

GEOMETRICS EUROPE Geomatrix Earth Sciences
 Tel: 44-1525-383438 • Website: www.geomatrix.co.uk • Email: sales@geomatrix.co.uk

GEOMETRICS CHINA Greenview Geophysical Instruments Ltd
 Tel: +86-10-85850099 • Fax: +86-10-85850991 • Email: greenviewgeo@greenviewgeo.com.cn

Geologic Inversion line #8



Your First Choice for Reliable, High Quality Deep Resistivity Mapping