AGI Advanced Geosciences, Inc.

THE SUPERSTING™ MONITORING SYSTEM

ALWAYS WATCHING, SO YOU DON'T HAVE TO

The SuperSting™ Monitoring System is an add-on module to the SuperSting™ Wi-Fi, our multi-channel electrical imaging system. It monitors landfills, well sites, dams, and other unattended locations where changes of resistivity conditions over time must be recorded and analyzed.
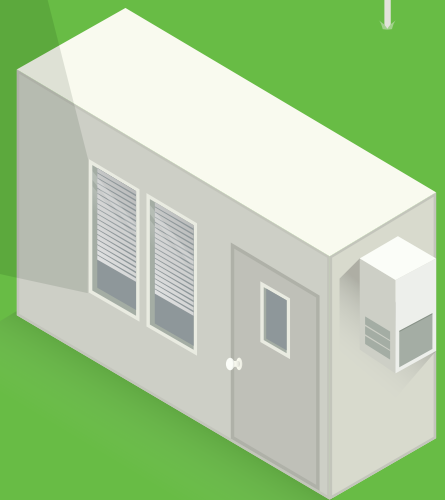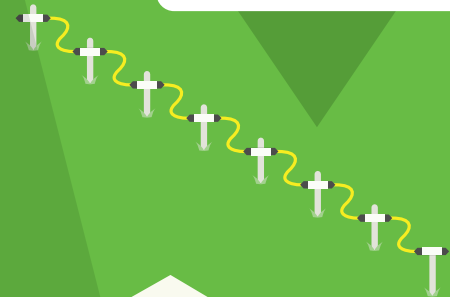

INSIDE CLIMATE-CONTROLLED FACILITY:

+ SuperSting™
+ Battery Bank
+ Chargers
+ Remote Monitoring Control Box
+ Internet-connected Computer

Installed electrodes in surface placement and/or boreholes

Data is securely stored in the Cloud for easy access

Not to scale

BENEFITS

This network-aware system is designed to be monitored remotely, so you can access the data no matter where you are located. Results can be automatically emailed from the server to any email address at the finish of a task, and notification email messages can be sent at start of a task. In the case of an error, alarms can be sent by email.

The data from the SuperSting™ Monitoring System can be used whenever you need to know changes over time, including:

+ Monitoring leaking in dams and levees
+ Monitoring leaching in landfills
+ Monitoring pollution
+ Time-lapse studies for locating landslide prone areas.

FEATURES

The system consists of a SuperSting™ system on a remote location connected to fixed measurement cables and powered by two battery banks. The deep cycle batteries are charged constantly except when used by the SuperSting™, and the battery bank is isolated from the chargers for precision measurements during operation. The server software runs on a PC on the remote location and controls measurement tasks to execute on a time schedule.

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SuperSting™ Monitoring System Technical Specification

SuperSting™ Monitoring System			
Included with the System	**Quantity**	**Additional Purchase Required**	**Quantity**
SuperSting™ Remote Interface Box	1	SuperSting™ Instrument	1
Battery Charger, 12V, 30A, Lead Acid	2	High-Capacity Deep-Cycle 12V Batteries (We recommend the 12V, AGM type, 105 AmpHour battery manufactured by MK, part number MK8A31.)	2
Cable For Remote Interface Box - Battery Connection	4	Extra 12V, AGM Type, 105 AmpHour Battery (Manufactured by MK, part number MK8A31.)	2
Cable For Remote Interface Box - Battery Charger Connection	2	SSRemote Server PC With Microsoft Windows XP-Pro Operating System	1
Serial Connection Cable, Male/Female DB9 Connector	1	Internet Connection To Remote Site, Local Area Network Access To Server PC, Or Dial-In Modem Attached To Server PC (Including Normal Phone Line)	1
RS-232 Opto Isolation Module	1	Interruptible Power Supply (UPS) For The Server PC	1
Adapters For The Opto Isolation Module	2		
RS-232 Serial Communication Cable	1		
PC Parallel Port Cable	1		
SSRemoteServer & SSRemoteClient Software On CD	1		
Client PC Hardware Key (Dongle) For USB Port	1		
Client PC Hardware Key (Dongle) For USB Port	1		
SuperSting™ Remote Instruction Manual	1		