



Applications:

- Remediation progress monitoring during pollution plume pump-n-treat.
- Tracer time lapse studies.
- The remote accessory makes it possible to perform resistivity surveys with the SuperSting controlled remotely.
- Remote monitoring of subsurface processes with resistivity imaging.
- Time lapse monitoring.
- Use the remote accessory to schedule surveys at certain times and dates.
- Repeat the same survey at certain time interval for time lapse studies.
- Start a survey from anywhere.
- Download survey result from anywhere.
- Upload command files from anywhere.

SuperSting Remote™

REMOTE MONITORING RESISTIVITY & IP SYSTEM

The SuperSting Remote resistivity and IP monitoring system is designed for unattended monitoring of subsurface processes, such as environmental remediation progress, groundwater recharge, infiltration tests, salt/fresh water interaction, leakage from landfills, tanks and dams, underground tunneling and temperature changes.

FEATURES

- Automatic result reporting by email.
- Remote scheduling of tasks.
- Notification email message at start of a task.
- Automatic power management of the battery bank.
- Error alarm by email.

TECHNICAL SPECIFICATION

The remote monitoring system comprises:

- Client computer remote software.
- Server computer remote software, to be installed at the monitoring site.
- A remote interface box.
- Two battery chargers.
- Optical fiber RS232 link.
- Kit of connecting cables.

In addition you will need:

- Fixed installation of electrodes.
- SuperSting R1/IP or R8/IP.
- Suitable Switch box or SuperSting with built in switches.
- Battery bank with 2 or 4 (four if boost battery is required) high capacity deep-cycle 12 Volt batteries.
- Server computer with; Windows XP Pro, at least one standard RS232 serial communications port, at least one standard printer port and Ethernet network card for connection to the DSL line.
- Uninterruptible power supply (UPS) to power the server PC and interface box.
- Mains power.
- Internet connection by DSL broadband connection or analog phone line and modem.

The SuperSting Remote Monitoring components must be installed in a housing that conforms to indoor office conditions. Preferably in a facility with climate control that keeps temperature and humidity within normal office limits. Even though the SuperSting is capable of operation in harsh environments this does not hold true for most PC and network components.

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SuperSting Remote equipment set-up at the monitoring site.



SuperSting Remote at the client site.