

Multi Electrode Switch Box



Applications:

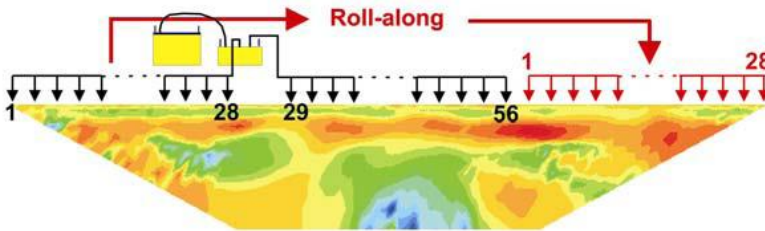
- The SuperSting Switch box is an accessory to the [SuperSting Wi-Fi](#). It allows the SuperSting Wi-Fi to automatically control and switch passive electrodes connected by a [passive multi-electrode cable](#) for automatic data acquisition in 2D, 3D, and 4D surveys.
- There are Switch boxes available with 28, 56, 64, 84 and 112 electrode switching capacity.
- Special orders are available with 24, 32, 42, 48, 64, 72, or 96-electrode capacity.
- Several switching boxes can be “daisy chained” together for even larger capacity.
- Can be interfaced in combination with AGI active dual-mode electrode cables
- Can be used for 2D, 3D and 4D surface measurements, as well as bore hole to bore hole measurements
- Roll-along for 2D and 3D surveys.
- Time-lapse (4D) surveys
- All electrode arrays
- Any user-created four electrode array. Electrodes can be located anywhere in 3D space.
- Surface, surface-to-borehole, and borehole-to-borehole measurements
- Interfaces with the AGI passive electrode cables, i.e. borehole cables, underwater cables, and land cables

Multi Electrode Switch Box For SuperSting™

Use the Switch Box together with the SuperSting™ in the following applications:

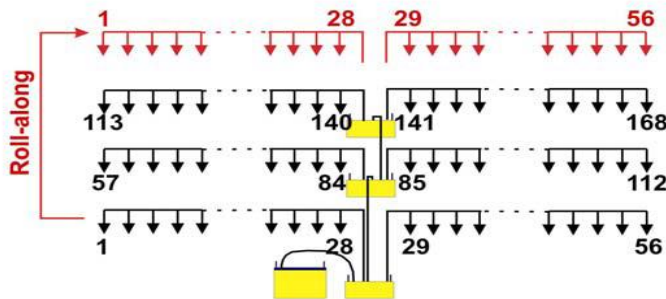
2D surface survey for resistivity and IP imaging

Use the Switch box for 2D resistivity and IP imaging surveys with roll-along for any type of electrode array.



3D survey

Use the Switch Box for 3D data recording. The surface electrodes can be combined with borehole electrodes for higher resolution at depth. 3D roll-along can be performed in the north-south direction as well as in the east-west direction.



TECHNICAL SPECIFICATION

The SuperSting Switch Boxes are available for SuperSting R1, R2, R4, R6 and R8.

Each switch box has two connectors for connecting to the SuperSting or for "daisy chaining" to other Switch Boxes or to our active (smart) dual mode electrodes.

Depending on Switch Box model there are 1-4 electrode cable connectors.

Contact AGI for information about mating electrode cable connectors.

The SuperSting or the Sting powers the Switch Boxes.

Switch Boxes come in the following electrode switching capabilities: 28, 56, 64, 84 and 112 electrodes

Dimensions:

Switch Boxes 28-84: 254mm x 254mm x 160mm (10"x10"x6.3")

Switch Box 112: 330mm x 231mm x 180mm (13.0"x9.1"x7.1")

Weight:

Switch Boxes 28-112 Max 6.0 Kg (14 Lbs.)

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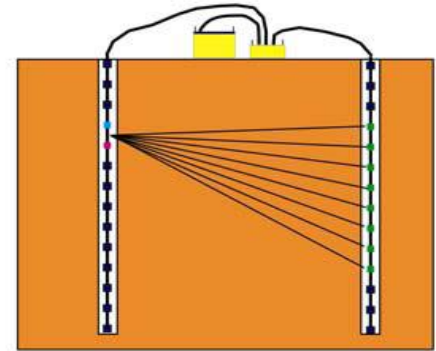
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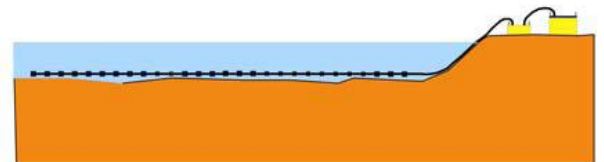
Electrical Resistivity Tomography (ERT)

Use the SuperSting, the Switch Box and our borehole cables to record data between two or more bore holes with or without surface electrodes. The Switch Box can also be used together with our patented active (smart) dual mode electrodes.



Underwater survey

The electrode cable is simply laid in a straight line on the bottom of a lake or the sea and attached to the Switch Box on land or in a boat. The electrodes make contact through the water, no stakes are necessary.



Universal electrode configuration

Use your own cables to connect to the electrodes in any combination you want. The instrument can be programmed to perform any type of desired survey.

