



# ADCON - A755 SOIL MOISTURE STATION

Adcon's A755 soil moisture station uses the mobile phone network to collect data from an in field soil moisture probe, for viewing over the Internet using the addVANTAGE Pro software.

## A755 Based Soil Moisture Station Soil Moisture Probe

- Cellular (mobile phone) telemetry unit
- Data sent to Web / Internet based software
- NextG or GSM mobile phone technology
- GPRS data transmission (low cost, long range)
- Rechargeable NiMH battery
- 2 or 4 W solar panel
- Standard "Stubby" antenna or optional high gain and directional antenna
- Up to 6 months data storage in internal memory
- Data transfer - 15 minutes to once a day

## Soil Moisture Probe

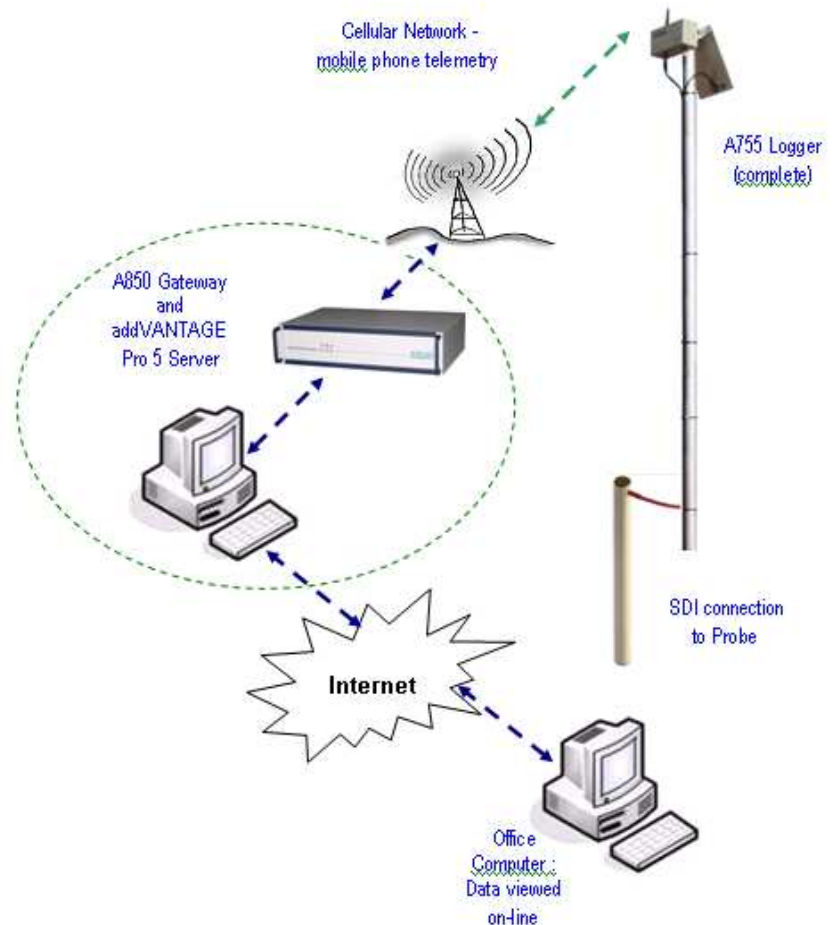
- Probe communications : SDI-12
- Single or multiple probes per site
- Sensor Options
  - 40cm 4 sensor
  - 80cm 8 sensor
  - 120cm 12 sensor
- Measurements
  - Soil Moisture
  - Soil Temperature
  - Soil Conductivity (EC)

## Other Sensor Options

- Rain Gauge
- WXT520 - combination weather instrument (temperature, humidity, wind speed & direction, rainfall, barometric pressure)

## AddVANTAGE Pro Software

- Internet based
- Access with web browser
- Graph and table views of data
- Flexible soil moisture presentation
  - Separate Level Graphs
  - Summed Graphs
  - Multiple Full / Refill points
- Combine data from any site or sensor (soil moisture, weather, flow etc.)
- Low monthly fees



Part No.	Description
<b>Adcon A755 Soil Moisture Station</b>	
100.755.010	A755 addWAVE GPRS SDI
200.723.520	Solar panel 220mA (2W)
200.730.501	Aluminium pole set 3.6m
201.733.053	EnviroPro 80cm 8 sensor probe for soil moisture, soil temperature, soil conductivity
<b>Data Hosting</b>	
400.999.201	Initial Setup (once off fee per RTU)
400.999.200	Data hosting - monthly fee per RTU
400.999.210	Provision of SIM card (optional)