



Farm Monitoring Solutions

Rugged Enclosure. Lockable polished stainless steel case with proven water protection.

Solar Powered. 10W solar panel charging a 12V 7.2Ah sealed lead acid battery.

Remote Operation. Operates on most cellular networks anywhere in the world (plus Iridium satellite option).

Rapid Deployment. The systems come almost fully assembled and are designed to be simply and quickly mounted on top of a customer supplied length of 2" galvanised water pipe (60mm outside diameter)

Online Data. All data is reported back to the Harvest website where it is available for viewing on the internet as real time graphs. Options include manual download of raw data or automatic data push via FTP. All data is backed up and archived indefinitely.

Custom Alarms can be automatically sent by text (SMS), voice and email when certain conditions are met, eg. high rainfall intensity, pump failure, irrigator stopped and high temperature.

Sensors. The main unit has a 20 input data logger which can accept many different types of inputs.

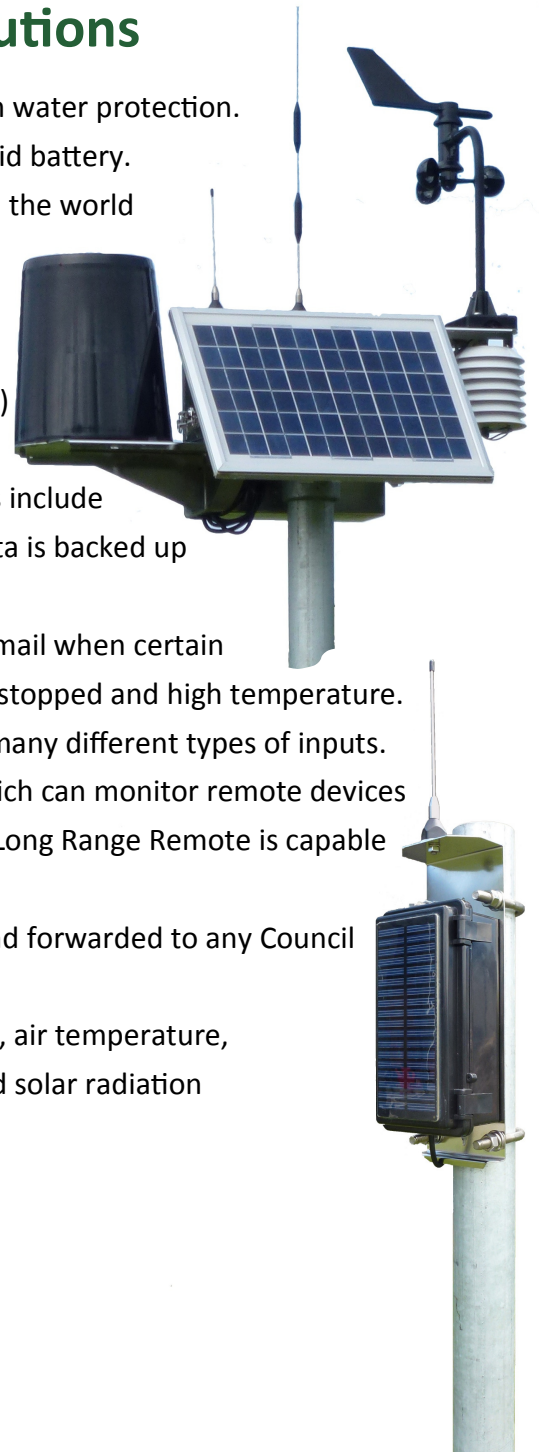
Wireless remote sensors. Harvest make remote wireless sensors which can monitor remote devices and send the data to the weather station for onward reporting. The Long Range Remote is capable of sending data 1-2km through buildings, trees etc.

Consent reporting. Water use data can be automatically collected and forwarded to any Council in New Zealand as part of consent requirements.

Full Weather station capability. Standard sensors include rain gauge, air temperature, relative humidity, barometric pressure, wind speed and direction and solar radiation

Other Monitoring Options

- Evapotranspiration calculations
- Wind chill, Dew Point and Wet bulb temperature calculations
- Farm water and fuel tank levels and alarms
- Leaf wetness
- Soil moisture and Soil temperature
- Flow meter and well depth monitor
- River, stream and pond levels
- GPS irrigator tracking and alarms
- Electric fence monitor
- Weir monitoring with flow conversion
- Gate and driveway alarms
- Milk vat and plate temperatures
- Dissolved oxygen sensors
- Camera
- Mains power monitor and alarm
- Remote equipment start/stop



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