

New Product Announcement



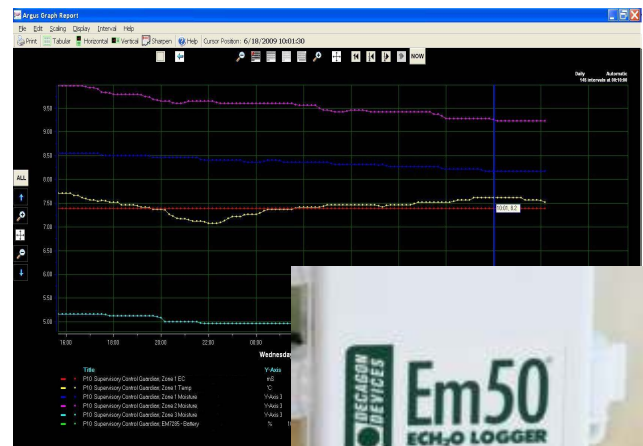
Titan Wireless Moisture Sensor Interface

Argus has recently developed an interfacing option for using Decagon wireless moisture probes with the Argus Titan control system.

Decagon moisture probes determine volumetric water content using capacitance/frequency domain technology. High frequency oscillation enables the sensors to accurately measure soil moisture with minimal salinity and textural effects. The moisture probes are suitable for a variety of remote moisture sensing applications including greenhouse and field soils, potted crops, rock wool, and other rooting media. Probes are available for measuring water content alone, or in combination with temperature and electrical conductivity.

All wireless data is processed through a **Titan Supervisory Control Guardian** program. This program is used to analyze and safeguard the integrity of externally imported data by providing the appropriate alarms and notifications if problems are detected.

Once the wireless data has been safely imported into the control system it can be recorded for long term observation and trend analysis, and used in a variety of monitoring, research, and direct water management control applications.

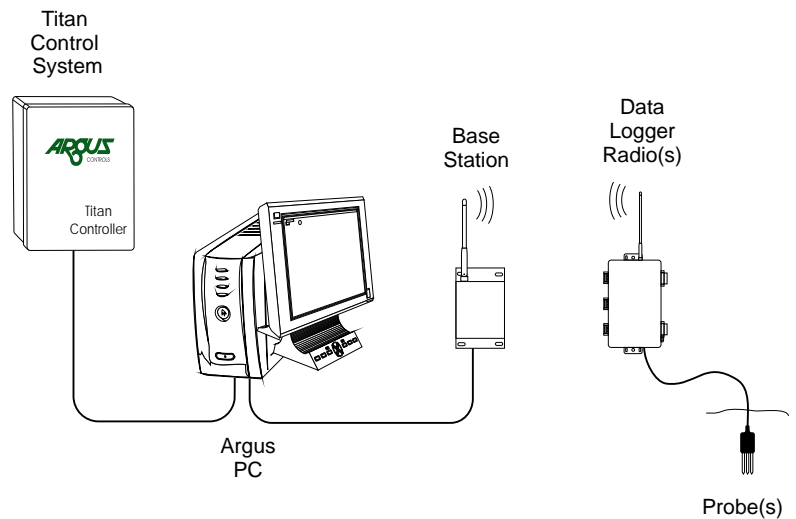


The Leader in Greenhouse Automation

Titan System Wireless Interface

Moisture sensors in the field or greenhouse are connected to one or more Decagon data logger radios which transmit information to a data receiving base station. The receiving station is connected to the local Argus PC.

The Argus Operator program obtains the sensor information from the connected base station and passes it into the control system.



Alternatives

For situations where wireless communications are not required, there are options for direct-wired connection of Decagon moisture sensors to both the Argus Titan and Argus Classic systems. The Argus system includes support for a wide range of alternative moisture sensing and moisture estimation methods including tensiometers, weight scales, and infra-red sensors. For more information please contact Argus.

Our Commitment to Research and Development

Argus is committed to advancing the state of horticultural control technology through a program of ongoing research and development. We are continually developing new products and improvements to our existing products to maximize reliability, reduce installation and operating costs, and provide even more power and control flexibility for your applications.



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