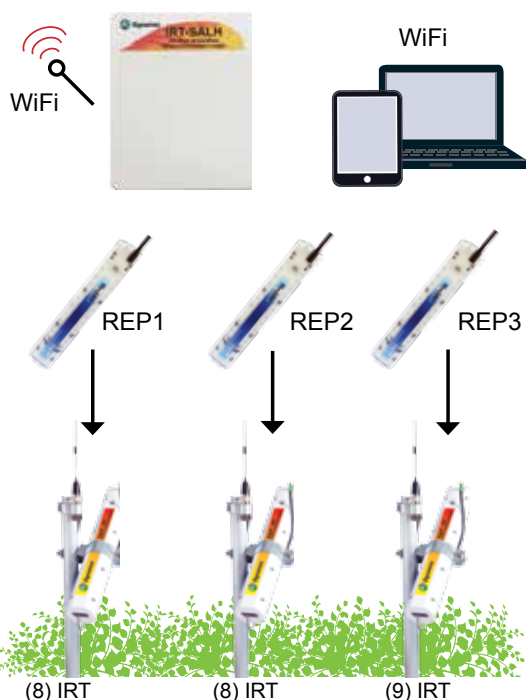# IRT SALH
Stress Accumulator Logger

The Dynamax IRT SALH data logger system has a sophisticated data logger in a weatherproof enclosure which can be linked to repeaters to take data from up to (25) IRT sensors. Up to 65,000 records are stored in memory and data can be downloaded using WiFi from up to 50 ft away. Data can also be set up with web access.

Software included gives you IRT commands and network control. You can control the system, collect data, and save files which can then be imported into spreadsheets for Crop Water Stress calculations. This system is excellent for use when fields to be monitored are a long distance away.

The IRT wireless infrared temperature system is the latest development in IR leaf temperature sensing for use in irrigation scheduling and plant stress detection. This new system allows for IRT nodes to be distributed throughout a field, and data collected with a single data logger. Plant stress models like CWSI or iDANS are then used to determine if, and when your crops need irrigation. Flags are used when irrigation is required.

Dynamax IRT sensors for IR leaf temperature are available with wireless or analog outputs. The sensor reads leaf temperature ± 0.5 C, and has a Field of View of 20 degrees. The sensor itself is included in a weatherproof IRT node, with mounts and a rechargeable battery.

Features

■ **Each SapIP-IRT sensor is self-contained**

■ **Weatherproof Enclosures, 2.5" X 2.5" X 14" long**

■ **± 0.5° C accuracy over wide range of ambient (0° - 60° C)**

■ **Up to (25) IRT sensors with (3) repeaters and one SALH Data Logger**

■ **May be Mounted Stationary or on Moving Platforms**

■ **IRT has 20 Degrees Field of View**

■ **Excellent where continuous data is required**

■ **No Calibration Required**

■ **Secure Data Collection, Password Protected**

■ **Rechargeable batteries included**