

Robust & Adaptable Connectivity Solutions

Wireless Remote Monitoring



Cloud-enabled wireless telemetry solutions from Cultinova allow users to access, analyse and share measurement data generated at remote sites from any location and at any time. Our wireless Hubs provide plug-&-play connectivity to other Cultinova hardware for the realisation of local wireless sensor networks covering areas of up to 1km², wired networks covering 1km² and act as a data bridge to the Internet via existing 2G, 3G and 4G mobile telephone networks.

Our wireless hardware is fully configurable, allowing it to be to a users requirements and making it applicable for use in a variety of agricultural, horticultural and environmental monitoring applications. Our Hub modules are supplied pre-configured to transmit measurement data directly to virtually any cloud computing service or alternatively to the Cultinova web-portal where users can view, analyse and share measurement data via secure user accounts.

Our hardware is supplied with pre-configured SIM cards which allow connection of hardware to mobile telephone networks without any user configuration, meaning that realising a fully customised wireless sensor network has never been easier.

Our wireless nodes operate seamlessly with the Cultinova Hub, offering users a practically unlimited range of options for the development of wireless sensing solutions for use in the precision agriculture and horticulture. Our modules have inherently low-power operation and intelligent power management capabilities making them perfectly suited for solar and battery powered operation.



✓ Supplied with Pre-Configured Worldwide SIM Cards

