

Know what's best for your plants at a glance

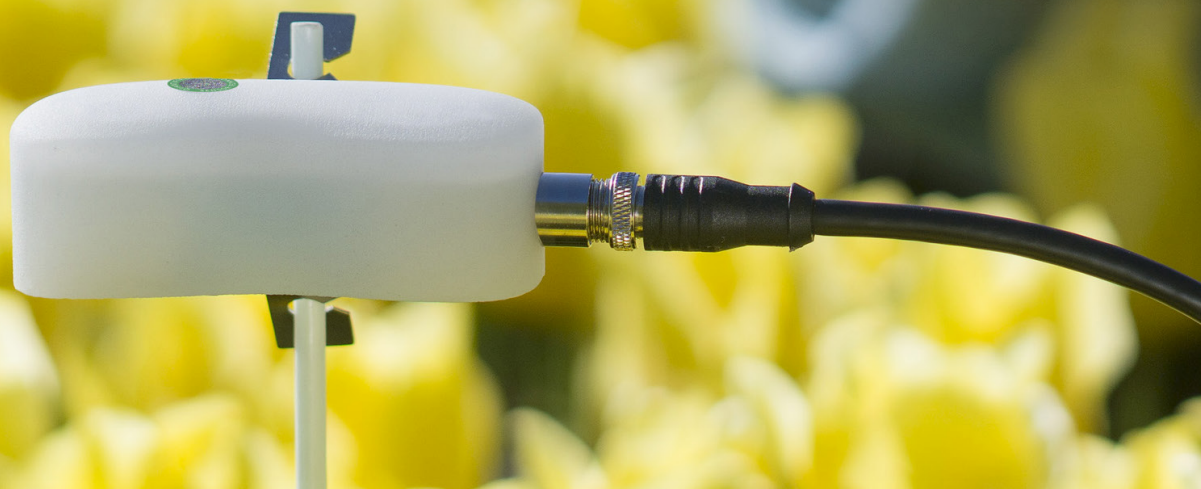
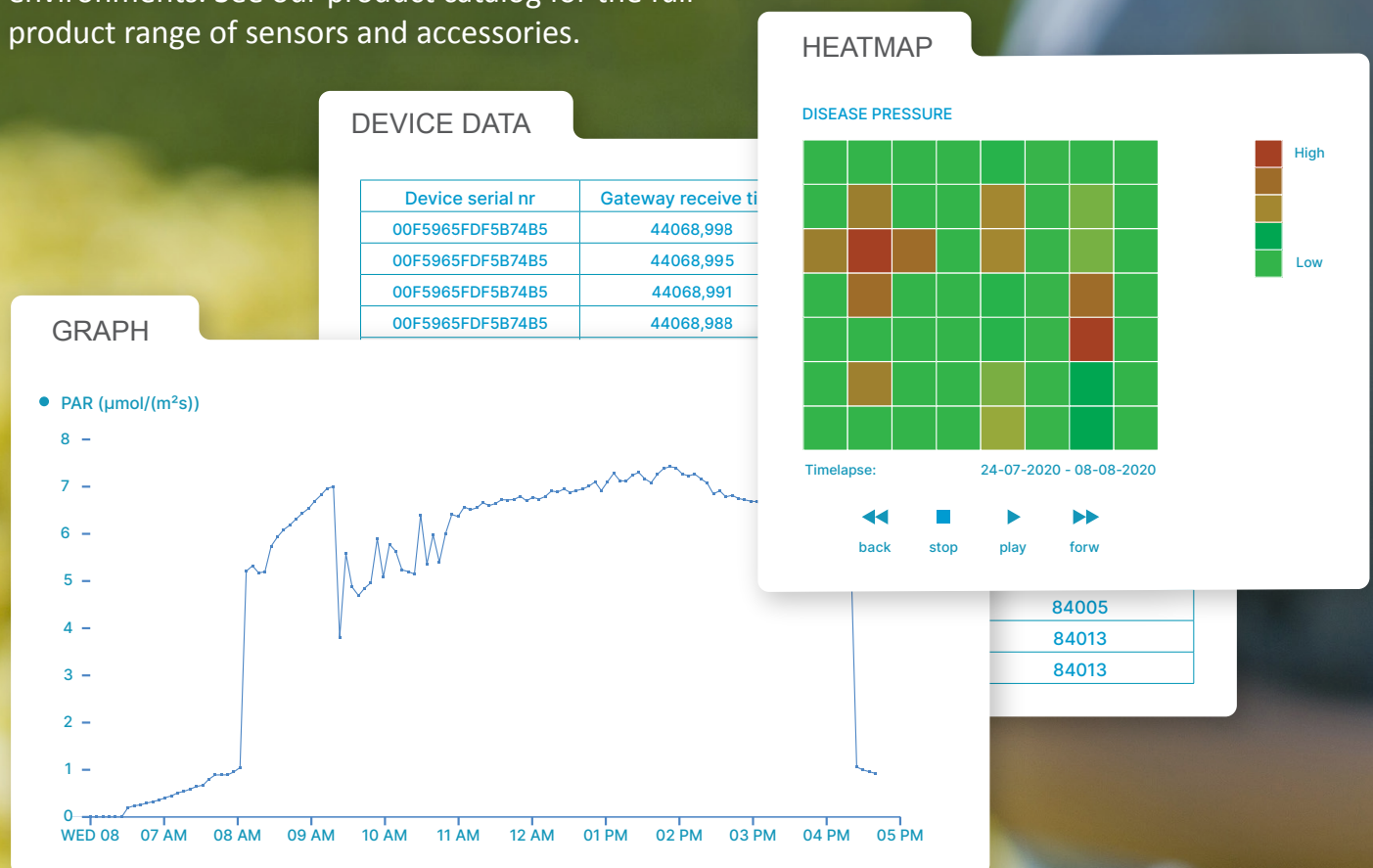
Firefly Series



Fact-based decisions: all the information you need at a glance

Know what is best for your plants to improve quality, quantity and optimize costs with real time insights into the conditions over your entire growing area. This will help you decide what to do to improve growing conditions and therefore improve yield and quality. The measured data will help you to decide when to irrigate, when to use crop protection, prevent frost damage and therefore reduce your costs.

Quantified supplies wireless distributed sensors that measure parameters like: air temperature, relative air humidity, precipitation, wind, soilmoisture, -EC, -temperature and radiation (PAR). An on-board GPS module is also optional. All parameters can be coupled with their GPS-coordinates which enables you to see growing conditions using heatmaps of the entire growing area. The robust design, with safely embedded electronics, enables application in the most demanding environments. See our product catalog for the full product range of sensors and accessories.



Scientific accuracy, real time, wireless and rechargeable

For fact-based decisions you need reliable and accurate data. Our sensor technologies are designed for accuracy and are vigorously tested and validated. With a convenient plug-and-play system, your sensor data is available within minutes after unboxing your purchase. With rechargeable batteries our sensors are also the sustainable choice. Sensors can be easily mounted on a stick, cable or wall using our proprietary Smart Clip.

Connect to your data platform of choice: insight at a glance

The real time sensor data is instantly uploaded to the internet and immediately available via an API coupling for visualization in any data platform of choice. Our proprietary Quantified Insight platform provides direct insights through:

- Heatmaps of your growing area based on sensor GPS-coordinates
- Graphs
- Direct downloads in Excel or CSV format

Next to the raw data the Insight platform also provides the possibility for implementing real time algorithms. Let the system do the monitoring for you and get messages and alarms when parameters or algorithms run outside pre-set limits.

Markets and Solutions

We have developed solutions for various markets such as: glass greenhouse, plastic tunnel greenhouse, indoor farming and open field cultivation.

Quantified

Quantified Sensor Technology was started by nano physicists with the goal of providing accurate and affordable sensor solutions to the Agri- and Horticultural sector. It is our ambition to radically improve the sustainability of the sector with our innovative solutions. Our approach leads to improved produce quality and -yield whilst minimizing the use of water, energy, nutrients and crop protection chemicals. Growers will benefit both from reduced costs and more sustainable performance.

Our office and laboratory are located in the city of Leiden at the heart of the Dutch “Westland” greenhouse region. Our solutions are tested vigorously with customers in high tech greenhouses, plastic tunnel greenhouses, vertical farms and open field farming.

We are always interested in your ideas, feedback and questions!

Feel free to contact us at info@quantified.eu

