

Designed for accuracy, flawless connectivity and remote placement: these tools are built to withstand the elements in all growing contexts. Build your own wireless sensor network with a combination of preferred sensors. Add new data sources at any time. All sensors arrive pre-configured and ready to deploy out of the box with the new [Connect casing](#) included.

It is a max. 10 minutes, do it yourself, installation and you can start collecting real time (every minute) data directly on your desktop or mobile phone. Easy and simple. Applicable for any kind of grower.

1. BUILD YOUR UNLIMITED NETWORK



Gateway €549

Central access point for network connections. Supports up to 4,000 sensors. Also available for 4G connection (+ €100).



Repeater €299

Strengthens the network through the greenhouse or polytunnel for optimal connectivity.



Connect casing

Every 30MHz sensor comes with a Connect casing. This hardware transfers the measurements of the connected sensor to your 30MHz platform.

2. ADD YOUR SENSORS

SOIL MONITORING



Substrate Moisture sensor €699

3 in 1 measurement

Monitor water content (VWC), electrical conductivity and temperature. Adjustable calibrations available for any medium.



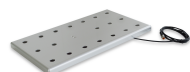
Potted Soil Moisture sensor €499

Measure water content (VWC) in potted soils and soilless mediums with a range of salinities.



Arable Soil Moisture sensor €499

Monitor water content (VWC) in field soils or substrates.



Weight Scale €1799

For potplant & youngplant

This weight scale measures the weight of your pots and trays continuously. Enabling you to check if your plants need water.

RADIATION MONITORING



PAR sensor €999

Full range spectrum sensor

Measure Photosynthetic Photon Flux Density in greenhouses, growth chambers or outdoor plant canopy environments.



Net Radiaton meter €1799

Designed for routine measurement of net radiation: the balance between incoming and outgoing radiation, which influences crop health.

CLIMATE MONITORING



MeteoShield® is a registered design & trademark of BARANI DESIGN Technologies

Pointed Microclimate sensor €649

5 in 1 measurement

This radiation protected sensor measures ambient temperature, humidity and surface temperature. Based on these measurements further calculations such as VPD, dewpoint, relative humidity, absolute humidity and humidity deficit are calculated.



Vented Temperature & Humidity sensor €549

This sensor tracks the ambient temperature and the relative humidity.



Pointed Temperature sensor €499

Point the sensor at the crop you want to monitor and track the temperature of fruits, vegetables or leaves from a distance.



Temperature Humidity sensor €399

Track storage & environmental conditions in real-time.



Temperature sensor (PT 100) €349

Capture data on temperature from crops in storage, liquids or raw materials (choice of 20 or 30 cm).



CO₂ sensor €969

Monitor carbon dioxide levels in your growing environment. 0-2000PPM. This sensor requires a power plug and is not wireless!

3. COMMUNICATE WITH YOUR SENSORS



Digital Connect €99+ p/m

Platform subscription

To enjoy the use of sensors more it comes with a 30MHz platform subscription. See different metrics in a visualisation of your choosing, take immediate action and create a historical dataset.

[Other subscriptions](#)

WEATHER MONITORING



Airflow sensor €1249

Measures both air speed and air direction. With its accuracy it registers even the lowest wind speeds.



Wind Direction sensor €649

Suited for outdoor use

Get more control over the airflow in your growing environments by measuring the direction of wind and other air flows.



Wind Speed sensor €649

Monitor weather conditions at different spots in the growing environment. This sensor measures wind speeds up to 55 m/s and is therefore also suitable for outdoor measurement.



Rain sensor €1749

Rain, hail, snow, sleet: This sensor tracks all forms of precipitation. It measures the rain intensity, size and type.

SENDOT SENSORS

Connected to the location based network

sendot

Photosynthesis Efficiency sensor	€2154
Chlorophyll Fluorescence sensor	€2054
Oxygen and temperature sensor	€2254
Acidity (pH) of soil and substrates	€2254