



Wireless sensor network

Build your own wireless sensor network with a combination of sensors of your choice. All sensors are pre-configured and ready to use within minutes. Start collecting data right away through the platform on your PC or smartphone.

1. Network



Gateway € 839

Central access point for network connections. Supports up to 4000 sensors.



Repeater € 445

This signal amplifier enhances and expands the network for optimal connectivity of the sensors to the Gateway.



Connect € 375

Connect is included for each 30MHz sensor
Sends measurements from the connected sensor to the platform.

2a. Choose your 30MHz sensors

Climate monitoring



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

Pointed micro climate € 979

Combined sensors – connect included

Measures temperature, relative humidity, and plant temperature. Calculates VPD, dew point, absolute humidity, and moisture deficit.



Microclimate sensor € 789

This sensor measures the ambient temperature and relative humidity.



Leaf temperature sensor € 629

Measure the plant temperature within the crop for better plant-level control.



Microclimate sensor not shielded € 599

Measure ambient temperature and relative humidity. Suitable in storage spaces for example.



Temperature probe sensor (PT 100) € 575

Measure the temperature of crops in storage, liquids, or raw materials (different probe lengths available).



CO2 sensor € 1499

Needs power connection

Monitor carbon dioxide levels 0-2000 ppm.



Airflow sensor € 1539

Measures air velocity and direction. So accurate that even the lowest wind speeds are measured.



RTR sensor set € 1889

Combined sensors – connect included

PAR sensor and vented temperature humidity sensor. Measures temperature, relative humidity, and radiation.



Photosynthesis sensor € 3498

Including Connect worth €375

Sendots photosynthesis efficiency sensor combined with the Connect.



Radiation monitoring



Net radiation sensor € 2259

Excluding bracket worth €349

Measure the balance between incoming and outgoing radiation.



PAR sensor € 1250

Measure the intensity of natural or artificial light across the photosynthesis spectrum.



PAR & far-red sensor € 1530

Monitor PAR (400–700nm), far-red (700–750nm), the sum of both and PAR/far-red ratio.

Soil monitoring



Substrate sensor € 915

3-in-1 measurement

Monitor volumetric water content, EC & temperature. Calibrations are available for each substrate.



Soil moisture sensor € 710

Measure the volumetric water content in potting soil and substrate.



Log & Solve moisture kit € 350

Minimal order of 6 sensors – 6 or 11 cm probe

Measure volumetric water content in 3 zones, soil temperature & light (lux). For pots, slabs and open field.

Standalone sensor, no gateway needed

Weather monitoring



Wind direction sensor € 890

Suited for outdoor use

Gain more control over the airflow by measuring air currents.



Wind speed sensor € 890

Suited for outdoor use

Monitor weather conditions. Measure wind speeds up to 55 m/s.

2b. Add partner sensors optional

We connect with all parties in horticulture

Aranet sensors

Local network & 30MHz platform

Full aramet catalogue available, examples:



- T/RH sensor € 110
- Shielded T/RH sensor € 352
- Soil moisture sensor € 704
- CO2/temperature sensor € 352

Sigrow sensors & services



AI-driven greenhouse technology

Multiple options:

- Stomata camera starter € 2975
- Deep learning training € 1350
- Stomata service pack L € 495
- Stomata service pack L + AI € 895
- Stomata camera installation € 350
- Metal case holder magnets € 47

Vivent sensors & services



Realtime plant monitoring to detect crop stress early

Multiple options:

- Vita 1 bundle of 8 € 4500
- Plant analytics yearly license € 1350
- Vita 1 indoor gateway € 895
- Plant scientist support € 350
- Installation € 47

3. Sensor data in the platform

Software subscription € 135+ p/m*

Local weather data included



30MHz platform to manage sensor data, receive notifications & analyse via dashboarding. All in one tool with intelligence to optimize your cultivation strategy.

[*See all subscriptions](#)