

## Aranet Base Station



This base station is the companion to the Aranet Teros 12 sensor.

### Applications



Business critical information for horticulture facilities, with each base station containing the gateway, data storage, and Web Server.

This base station can be connected with up to 100 sensors, depending on the version of it. Currently versions (on page 2) support up to 50 or up to 100 sensors.

### Alternatives

Currently there is also the SOLA substrate sensor (SEN-SOLA-MS), working with its own Base Station (SEN-SOLA-BASE-150) for alternative moisture sensor solutions.

### Features

- **Easy Connection** – the base station can connect with up to 100 Aranet sensors, depending on the version used. It has versions for 50 or 100 connected sensors.
- **Scalability** – solutions for small site to industrial-scale applications.

## Specifications

<b>Receiver Sensitivity</b>	-127 dBm
<b>Ports</b>	12 VDC, Ethernet, USB A
<b>Communication</b>	Connects to TITAN using Modbus over Ethernet and requires a Field Server as well.
<b>Built in Battery Backup</b>	Up to 30 minutes.
<b>Local Data Storage Space</b>	10 years of measurements of 100 sensors <sup>1</sup>
<b>User Interface Languages</b>	TITAN is the only interface.
<b>Versions</b>	<p><b>SEN-ARA-BASE-I50</b> – Base Station PRO up to 50 indoor sensors, US920, Modbus TCP/IP license unlimited</p> <p><b>SEN-ARA-BASE-I100</b> – Base Station PRO up to 100 indoor sensors, US920, Modbus TCP/IP license unlimited</p> <p><b>SEN-ARA-BASE-O50</b> - Base Station PRO PLUS up to 50 outdoor sensors, US920/IEEE 802.3af PoE injector, Modbus TCP/IP license unlimited</p> <p><b>SEN-ARA-BASE-O100</b> - Base Station PRO PLUS up to 100 outdoor sensors, US920/IEEE 802.3af PoE injector, Modbus TCP/IP license unlimited</p>
<b>Ingress Protection</b>	IP42
<b>Operating Temperatures</b>	0°C to 40°C (32°F to 104°F)
<b>Dimensions<sup>2</sup></b>	170 x 107 x 26 mm (6.7 x 4.2 x 1.0 inch)
<b>Weight<sup>2</sup></b>	190g (6.7oz)
<b>Enclosure Material</b>	ABS plastic
<b>Included in Box</b>	AC/DC power adapter, mounting bracket, Ethernet cable (1m)
<b>Compliance</b>	CE, IC, FCC

<sup>1</sup> Aranet4 sensor with 5-minute TX interval chosen for calculation.

<sup>2</sup> Without mounting bracket.

## Additional Information

For more information, please contact Argus.



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