Aranet PRO base station

1. Connect up to 100 Aranet sensors

2. Solutions for small site to industrial-scale applications

3. E-mail alert functionality

4. Easy data export for further analytics

5. Independent local data storage or Cloud

Business critical information for horticulture, warehouses / storage facilities, livestock and poultry farms, building management and others.

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3 in 1: gateway, data storage and web server
SensorHUB software included

Regions and versions			Maximum sensor count		
	ISM band[1]	Radio channels	12	50	100
Europe	EU868	Ch1: 868.1 Mhz Ch2: 868.3 Mhz Ch3: 868.5 Mhz	TDSBWPA1.012	TDSBWPA1.050	TDSBWPA1.100
Americas	US920	Ch1: 917.3 / 922.9 Mhz Ch2: 917.5 / 923.1 Mhz Ch3: 917.7 / 923.3 Mhz Ch4: 917.9 / 923.5 Mhz	TDSBWPA2.012	TDSBWPA2.050	TDSBWPA2.100
Russia	RU869	Ch1: 868.85 Mhz Ch2: 869.05 Mhz	TDSBWPR1.012	TDSBWPR1.050	TDSBWPR1.100
Asia	AS923	Ch1: 923.1 Mhz Ch2: 923.3 Mhz	TDSBWPC2.012	TDSBWPC2.050	TDSBWPC2.100

Specifications

Receiver sensitivity	-127 dBm
Ports	12 VDC, Ethernet, USB A
Communication	Ethernet cable, local Wi-Fi
Built in battery backup	up to 30 minutes
Local data storage space	10 years of measurements of 100 sensors[2]
Data protection methods	XXTEA, HTTPS, password protected user accounts
User interface languages	English, French, Spanish, Russian, Latvian

General

Ingress Protection	IP42
Operating temperature	0 °C to 40 °C (32 °F to 104 °F)
Dimensions[3]	170 x 107 x 26 mm (6.7 x 4.2 x 1.0 in)
Weight[3]	190 g (6.7 oz)
Enclosure material	ABS plastic
Included in the box	AC/DC power adapter, mounting bracket, Ethernet cable (1 m)

Compliance

CE	Conformité Européenne
IC	Innovation, Science and Economic Development Canada
FCC	Federal Communications Commission (USA)

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[1] Band of the radio spectrum reserved internationally for industrial, scientific and medical purposes.
[2] Aranet4 sensor with 5 minute TX interval chosen for calculation.
[3] Without mounting bracket.

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