aranet

	PRO Plus Base
	Made in Latvia, EU
	www.aranet.com
	M/N: TDSBOA03
	S/N: 371010004651
WiFi SSID: Aranet-ff46a3	
WiFi IP: 192.168.206.100	
ETH IP: 192.168.205.100	
ETH MAC: C493003034E1	
Username: root	
Password: FjRmxnLxMR	IEEE 802.3af PoE

Sensors
Cellular
Wi-Fi
Ethernet
System
Power

802.3af   Network reset

Aranet
PRO Plus
base station

The core of the Aranet ecosystem.
Aranet PRO Plus base is powered by PoE
802.3af. The base can be connected to
the internet via Wi-Fi and Ethernet.

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Aranet PRO Plus base station

3 in 1: gateway, data storage, and web server

SensorHUB software included

Regions and versions

	ISM band[1]	Radio channels	Part Number
Europe	EU868	Ch1: 868.1 MHz Ch2: 868.3 MHz Ch3: 868.5 MHz	TDSBOA03
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	TDSBOAU3
Asia	AS923	Ch1: 923.1 MHz Ch2: 923.3 MHz	TDSBOAC3

Specifications

Receiver sensitivity	-127 dBm
Ports	Ethernet
Communication	Ethernet cable, local Wi-Fi 2.4 GHz
Power	PoE 802.3af
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
Integrations[3]	MQTT, Modbus

General

Ingress Protection	IP67
Operating temperature	-40 °C to +60 °C (-40 °F to 140 °F)
Dimensions	180 x 120 x 45 mm (7.09 x 4.72 x 1.77 in)
Weight	250 g (8.8 oz)
Enclosure material	PC plastic

Compliance

CE	Conformité Européenne

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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] Additional licenses are required

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PRO Plus Base
Made in Latvia, EU
www.aranet.com
M/N: TDSBOB03
S/N: 352400104569
WiFi SSID: Aranet-a30585
WiFi IP: 192.168.206.100
ETH IP: 192.168.205.100
ETH MAC: C493003034 3C
Username: root
Password: Cx7gmTrHz4   IEEE 802.3af PoE

- Sensors
- Cellular
- Wi-Fi
- Ethernet
- System
- Power

802.3af   Network reset

Aranet
PRO Plus LTE
base station

The core of the Aranet ecosystem. Aranet
PRO Plus LTE base is powered by PoE
802.3af. The base can be connected to
the internet via Wi-Fi, Ethernet or an
integrated cellular 4G modem.

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Aranet PRO Plus LTE base station

3 in 1: gateway, data storage, and web server

SensorHUB software included

Regions and versions

	ISM band[1]	Radio channels	Part Number
Europe	EU868	Ch1: 868.1 MHz Ch2: 868.3 MHz Ch3: 868.5 MHz	TDSBOB03
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	TDSBOBU3
Asia	AS923	Ch1: 923.1 MHz Ch2: 923.3 MHz	TDSBOBC3

Specifications

Receiver sensitivity	-127 dBm
Ports	Ethernet
SIM card slot	Mini size (2FF), flip type
Communication	Ethernet cable, local Wi-Fi 2.4 GHz, 4G LTE
Power	PoE 802.3af
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
Integrations[3]	MQTT, Modbus

General

Ingress Protection	IP67
Operating temperature	-40 °C to +60 °C (-40 °F to 140 °F)
Dimensions	180 x 120 x 45 mm (7.09 x 4.72 x 1.77 in)
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