

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)
Weight	425 g (15 oz)
Enclosure material	PC plastic

Compliance

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

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