Aranet PRO base station

1. Connect up to 100 Aranet sensors
2. Solutions for small site to industrial-scale applications
3. Independent local data storage or Cloud
4. Easy data export for further analytics
5. SMS & e-mail alert functionality

Business critical information for food manufacturing, warehouses / storage facilities, horticulture, building management and others.

Aranet PRO base station datasheet

Maximum sensor count	12	50	100
Alarm type	Email / SMS notification through USB modem		
Local data storage	Measurement data for up to 10 years with 100 sensors		
Measurement interval	1, 2, 5, 10 minutes		
Receiver sensitivity	Europe, Russia -127 dBm North America -129 dBm		
Channels	Europe Channel 1: 868.10 MHz Channel 2: 868.30 MHz Channel 3: 868.50 MHz Russia Channel 1: 868.85 MHz Channel 2: 869.05 MHz	North America Channel 1: 917.3 MHz Channel 2: 917.5 MHz Channel 3: 917.7 MHz Channel 4: 917.9 MHz Channel 5: 922.9 MHz Channel 6: 923.1 MHz Channel 7: 923.3 MHz Channel 8: 923.5 MHz	
Data protection	Password protected user accounts, encryption for data		
Communication	Ethernet cable, local WiFi		
Power options	AC/DC power adapter Optional power supply with Passive 12V PoE injector Built-in battery (backup power up to 30min)		
Operating temperature	0 °C to 40 °C / 32 °F to 104 °F		
Operating humidity	0 % to 100 % non-condensing		
Interface languages	English, German, French, Spanish, Russian, Italian, Dutch, Portuguese, Latvian		
Dimensions	107x170x26 mm / 4.2"×6.7"×1.02" w/o mounting bracket		
Ports	12VDC power port, 1 Ethernet, 1 USB A		
Weight	190 g / 6.7 oz w/o mounting bracket		
Construction	ABS Plastic, steel mounting bracket		
Protection class	IP40		
CE/ FCC/ IC Marking	Yes		
Included	AC/DC power adapter, mounting bracket		
SensorHUB Software	Built-in web server supporting browsers like Chrome, Firefox, Edge, Safari		
Part number EU NA RU	TDSBWPA1.012 TDSBWPA2.012 TDSBWPR1.012	TDSBWPA1.050 TDSBWPA2.050 TDSBWPR1.050	TDSBWPA1.100 TDSBWPA2.100 TDSBWPR1.100