

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 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 notification			
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	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	
	Russia	Channel 1: 868.85 MHz Channel 2: 869.05 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"x6.7"x1.02" 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	TDSBWPA1.012	TDSBWPA1.050	TDSBWPA1.100
	NA	TDSBWPA2.012	TDSBWPA2.050	TDSBWPA2.100
	RU	TDSBWPR1.012	TDSBWPR1.050	TDSBWPR1.100