

PRO



- 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 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	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	107x170x26mm / 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



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