



Aranet weight sensor with frame

Aranet weight sensor with frame is designed to measure the weight of the potted plants and seedling trays

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Product codes

TDSKSV02.050 (EU)
TDSKSVU2.050 (US)
TDSKSVU2.050 (AS)

General	
Brand	Voshol Techniek
Ingress Protection code	IP67
Maximum operating temperature range	-40 °C to 60 °C (-40 °F to 140 °F)
Weight	8.8 kg (19.4 lb)
Overall product dimensions	725 x 620 x 160 mm (28.54 x 24.41 x 6.3) in
Weighing tray dimensions (2 trays)	511 x 317 mm (20.1 x 12.6) in
Enclosure material	Stainless steel 304/ V2A
Included in the box	Assembled tray with Aranet Weight sensor, 1 AA alkaline battery

Radio parameters	
Line of sight range	3 km (1.9 mi)
Supported ISM bands	EU868, US920, AS923
Transmitter power	14 dBm
Data transmission interval	1, 2, 5 or 10 minutes
Data protection	XXTEA encryption
Compatible base stations	Aranet PRO

Sensor performance ¹	
Range	0-50 kg
Resolution	0.001 kg
Accuracy	± 0.02% FS (C3 Class)
Maximum overload	150 %

Power	1 AA battery	
Type	Alkaline ²	Lithium ³
Operating temperature	-20 °C to 50 °C (-4 °F to 122 °F)	-40 °C to 55 °C (-40 °F to 131 °F)
TX interval	Battery lifetime at 20 °C (68 °F) ¹	
1 minute	1.4 years	1.9 years
2 minutes	2.6 years	3.5 years
5 minutes	5.2 years	7.3 years
10 minutes	7.6 years	10+ years

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

¹ Performance of the sensor used within the frame.

² Energizer Ultimate Lithium L91 AA batteries used for tests and calculations.

³ Battery lifetime data has been obtained by mathematical extrapolation and is provided for descriptive purposes only and is not intended to make or imply any guarantee or warranty.