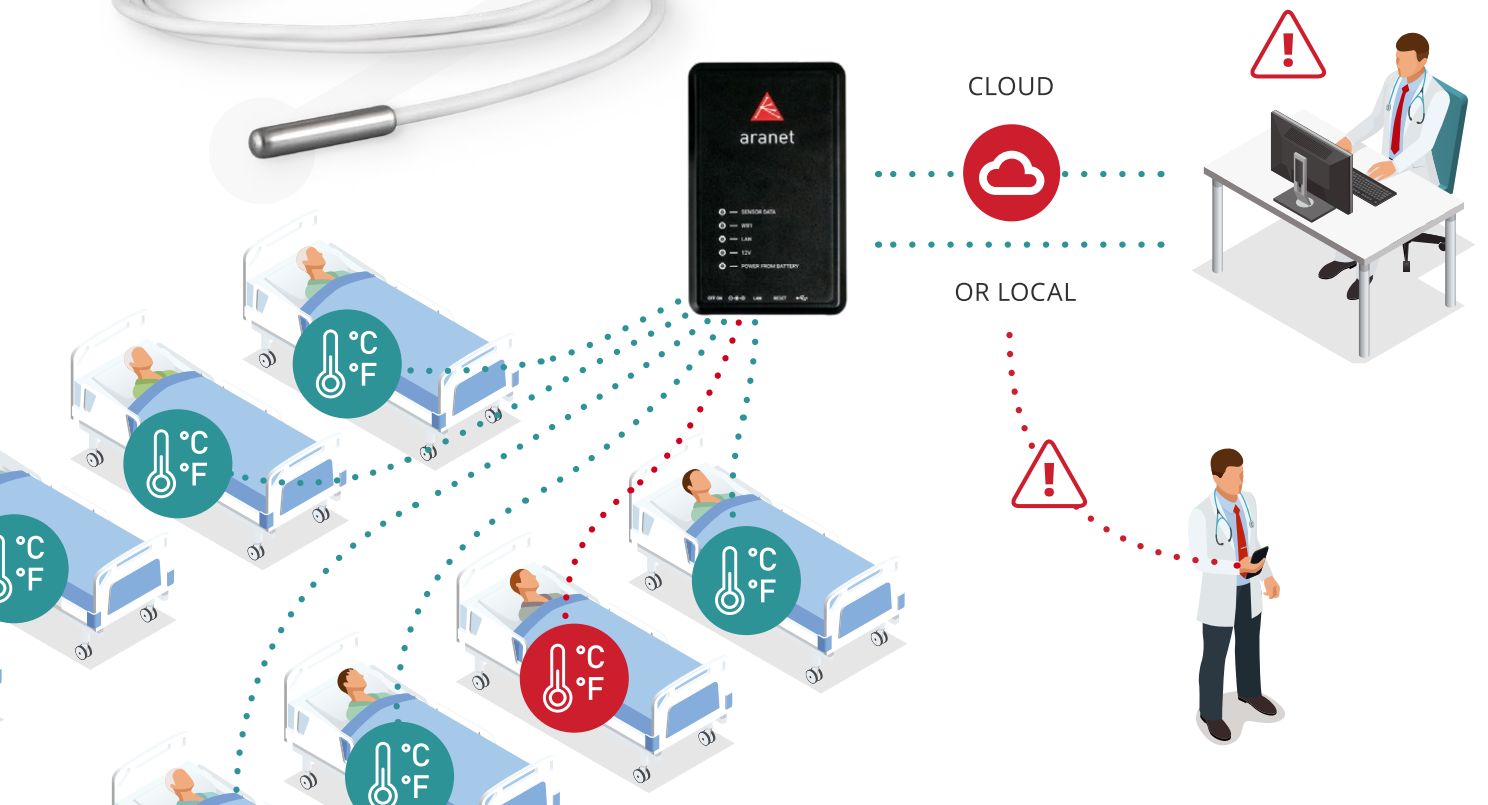


Aranet Medical Thermometer



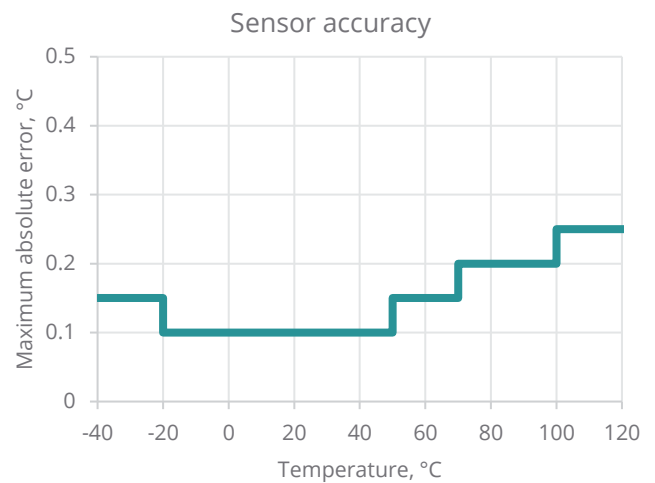
- 1 Safe remote monitoring solution
- 2 Accurate temperature measurement
- 3 Alarm functionality
- 4 Flexible and easy setup

Wireless human health monitoring system suitable for pandemic situation



Sensor performance

Range	-40 °C to 120 °C (-40 °F to 248 °F)
Resolution	0.01 °C (0.01 °F)
Accuracy (99 % confidence)	±0.1 °C (±0.2 °F)
Cable length ¹	2 m (6.6 ft)
Meets requirements of ISO 80601-2-56 standard. (Particular requirements for basic safety and essential performance of clinical thermometers for body temperature measurement)	


Radio parameters

Line of sight range	3 km / 1.9 mi
Supported ISM bands	EU868, NA915
Transmitter power	14 dBm
Data transmission (TX) interval	1, 2, 5 or 10 minutes
Data protection	XXTEA encryption
Compatible base stations	Aranet PRO

Power
1 AA battery

Type	Alkaline ³	Lithium ⁴
Operating temperature	-20 °C to 55 °C (-4 °F to 131 °F)	-40 °C to 60 °C (-40 °F to 140 °F)
TX interval	Battery life @ 20 °C (68 °F)	
1 minute	1.3 years	1.7 years
2 minutes	2.3 years	3.0 years
5 minutes	4.8 years	6.8 years
10 minutes	8.2 years	12 years

General

Ingress Protection code	IP67
Maximum operating temperature range	-40 °C to 60 °C (-40 °F to 140 °F)
Dimensions	Ø 35 x 120 mm (Ø 1.4 x 4.7 in)
Weight ²	88 g (3.1 oz)
Enclosure material	ASA plastic
Included in the box	1 AA Alkaline battery, string

Compliance

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

Medical Thermometer should be cleaned after every single use. It is recommended to use 70 % ethyl alcohol for disinfection of Aranet Medical Thermometer.

¹ Custom cable length up to 10 m (33 ft) available, minimum order quantity: 100 units.

² Weight with Alkaline AA battery Fujitsu LR6G07 Premium.

³ AA Fujitsu LR6G07 Premium battery used for tests and calculations.

⁴ AA Energizer L91 Ultimate Lithium battery used for tests and calculations.