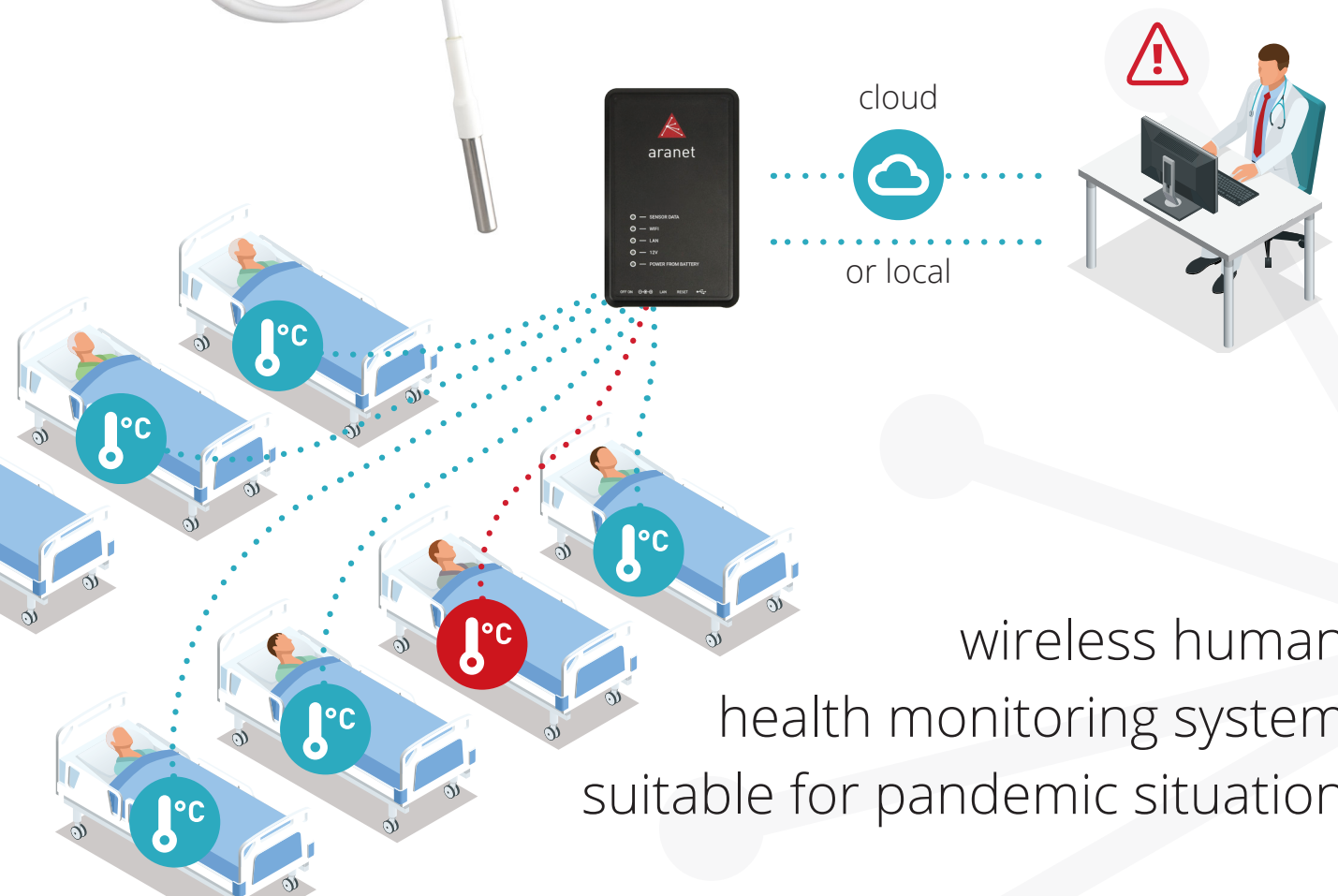


MEDICAL THERMOMETER



- 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

Clinical grade thermometer for human body temperature monitoring

TDSPTKU1 (NA)

TDSPTKR1 (RU)

Sensor performance

Range	-40°C to 120°C (-40°F to 248°F)
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Resolution	0.01°C (0.01°F)
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Accuracy (99 % confidence)	±0.1°C (±0.2°F)
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Cable length ¹	0.65 m (2.1 ft)
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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
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Supported ISM bands	EU868, NA915
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Transmitter power	14 dBm
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Data transmission (TX) interval	1, 2, 5 or 10 minutes
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Data protection	XXTEA encryption
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Compatible base stations	Aranet PRO
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General

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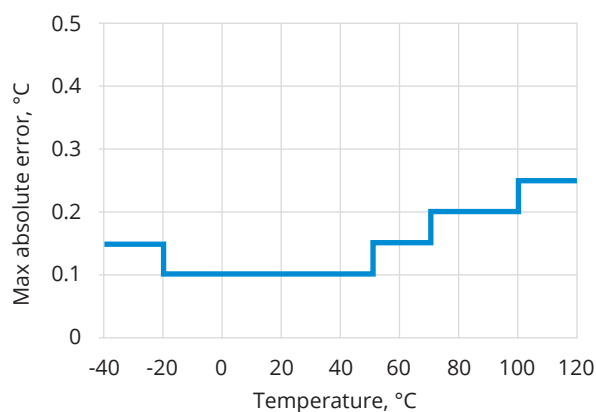
Maximum operating temperature range	-40°C to 60°C (-40°F to 140°F)
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Dimensions	Ø 35 x 120 mm (Ø 1.4 x 4.7 in)
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Weight ²	88 g (3.1 oz)
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Enclosure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

Compliance

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