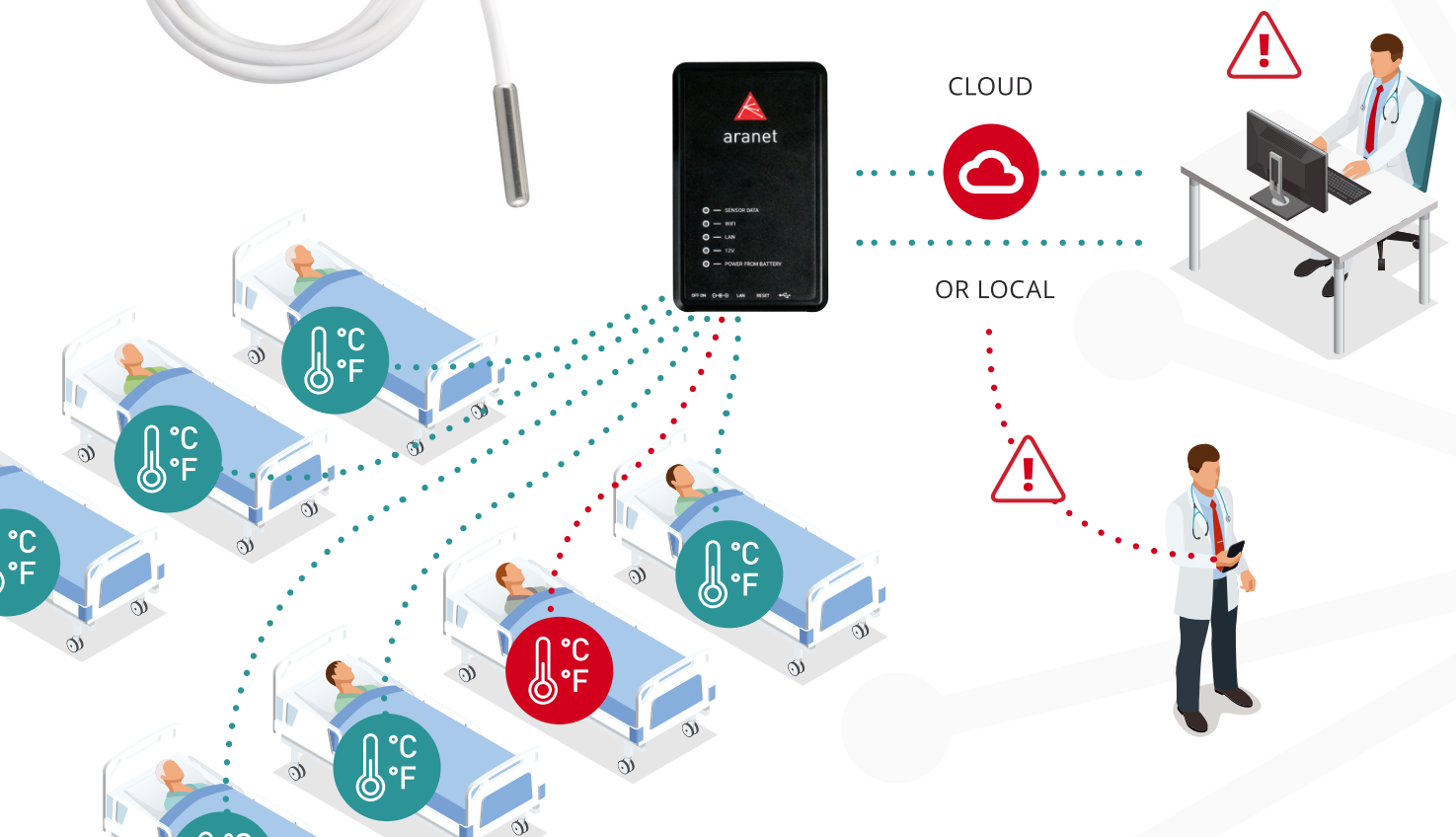


# MEDICAL THERMOMETER



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

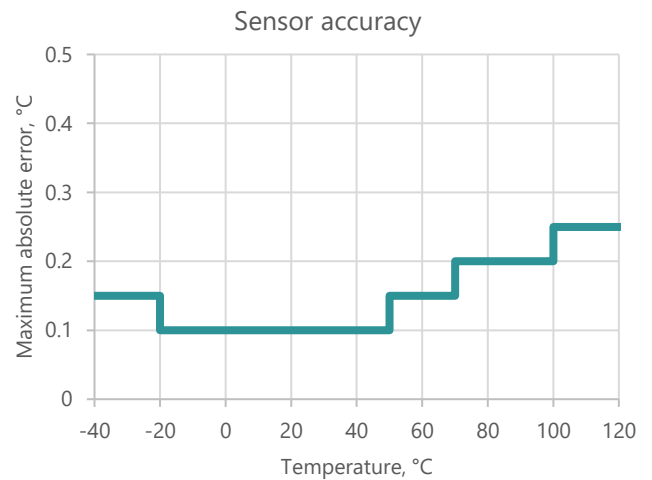
Wireless human health monitoring system suitable for pandemic situation



**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 <sup>1</sup>	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

**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 <sup>2</sup>	88 g (3.1 oz)
Enclosure material	ASA plastic
Included in the box	1 AA Alkaline battery, string

**Power 1 AA battery**

Type	Alkaline <sup>3</sup>	Lithium <sup>4</sup>
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
IC	Innovation, Science and Economic Development Canada
FCC	Federal Communications Commission (USA)

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

<sup>2</sup> Weight with Alkaline AA battery Fujitsu LR6G07 Premium.

<sup>3</sup> AA Fujitsu LR6G07 Premium battery used for tests and calculations.

<sup>4</sup> AA Energizer L91 Ultimate Lithium battery used for tests and calculations.