

# Pulse Oximeter

## Telehealth Connected Pulse Oximeter



A wireless pulse oximeter for remote monitoring of patients; part of the VitalOn platform. Features include:

- Measures oxygen saturation and heart rate
- Portable and easy to use
- Compact and light weight
- Low power consumption
- Seamless data transmission to the cloud



## Care@Home™



VitalOn brings together the best of telehealth, telecare and wellness technologies in a single, unified, connected, always-on platform.

VitalOn combines a powerful AI with unprecedented user-facing simplicity – delivering end-to-end health and wellbeing monitoring for a wide range of health conditions, inside the home or on-the-go.

With continuous uptime and redundant connectivity, VitalOn users are continuously and seamlessly monitored.



## SPECIFICATIONS



### COMMUNICATIONS

- **Protocol:** BLE 4.0
- **Maximum RF range:** 10 m (32.8 ft.)
- **Frequency:** 2402 MHz to 2480 MHz

### DISPLAY

- **Type:** Color OLED

### OPERATION

- Automatic On/Off

### POWER

- **Battery:** Two 1.5 V AAA battery

### DIMENSIONS

- **Size (H x W x D):** 3.2 x 3.2 x 6.2 cm (1.3 x 1.3 x 2.4 in.)
- **Weight:** 60 g (2.1 oz.) including batteries

### MEASUREMENT

- SpO<sub>2</sub>
  - **Range:** 70% - 100%
  - **Increment:** 1%
  - **Accuracy:** ± 2%
- Heart rate
  - **Range:** 30 bpm – 250 bpm
  - **Increment:** 1 bpm
  - **Accuracy:** 30 bpm-99 bpm ± 2 bpm; 100 bpm~250 bpm ± 2%

### ENVIRONMENT

- Operating
  - **Ambient temperature range:** 5°C - 40°C (41°F - 104°F)
  - **Humidity:** 15 – 80% RH max, non-condensing
  - **Atmospheric pressure:** 70 kPa~106 kPa
- Storage
  - **Ambient temperature range:** -40°C - 55°C (-40°F - 131°F)
  - **Humidity:** 15 – 93% RH max, non-condensing

### CERTIFICATIONS AND APPROVALS

- CE
- FDA

**PART NUMBER:** TBD