

Radius-7[®]

Masimo SET[®] Measure-through Motion and Low Perfusion and rainbow SET[™] Technology in a Tetherless, Wearable Patient Monitor

Pulse Oximetry



Oxygen Saturation[†]



Pulse Rate[†]



Perfusion Index



Pleth Variability Index



rainbow SET[™]



Total Haemoglobin



Methaemoglobin



Carboxyhaemoglobin



Oxygen Content



Oxygen Reserve Index



Acoustic Respiration Rate



Small, lightweight, wearable design promotes patient comfort and ambulation

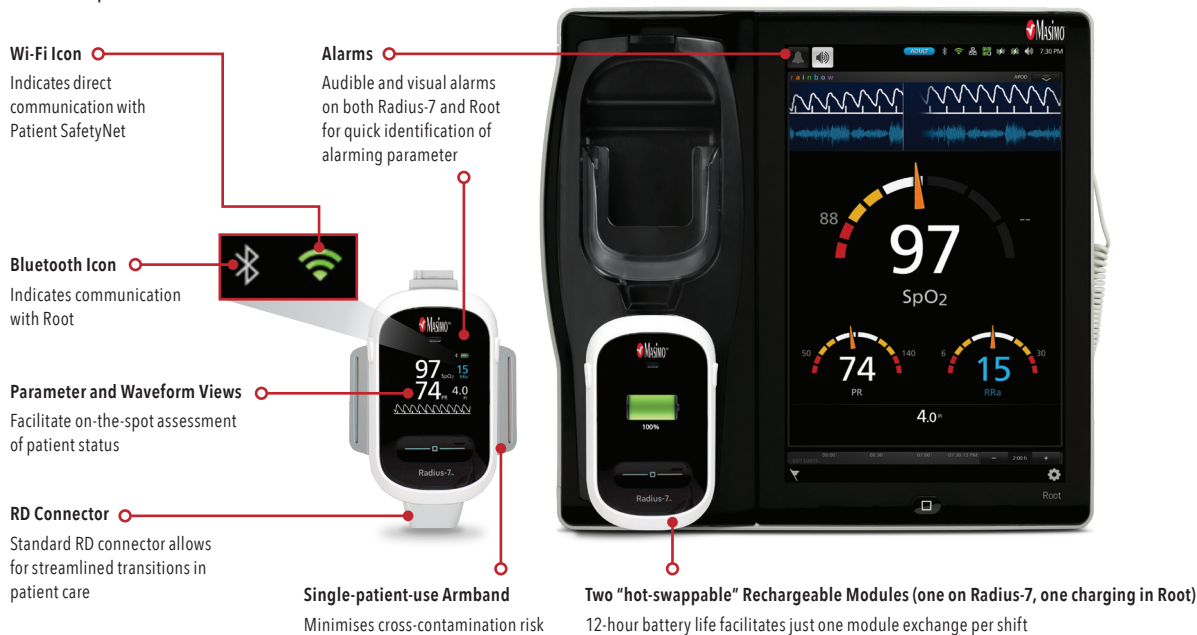
- > Eliminates the need for clinicians to disconnect the monitor each time the patient gets out of bed
- > Two "hot-swappable," rechargeable modules minimise monitoring interruption

Wireless connectivity

- > Communicates via Bluetooth[®] to Root[®] for continuous bedside monitoring and alarm notifications
- > When out of Bluetooth range, Radius-7 communicates via Wi-Fi to Patient SafetyNet[™] for continuous supplemental monitoring and remote clinician alarm notifications
- > When out of Bluetooth and Wi-Fi range, Radius-7 acts as a standalone, wearable monitor which stores up to 6 hours of data

Flexible Functionality

- > When out of Bluetooth range, Radius-7 communicates via Wi-Fi to Patient SafetyNet and maintains continuous communication with the hospital's EMR**



Radius-7 Specifications

COMMUNICATION	ENVIRONMENTAL
Communication Compliance Canada Radius-7 IC: 7362A-RADIUS IC Model: RADIUS RSS-247 Radius-7 with Wi-Fi IC:7362A-MWM1 IC Model: MWM1 RSS-247 Europe R&TTE Directive Radius-7 EN 301 489-17: EN 300 328 V2.2.0 EN 301 489-1 V2.1.1 EN 301 489-17 V3.1.1 EN 301 893 V2.0.7 Radius-7 with Wi-Fi Radio Equipment Directive EN 300 328 V2.1.1:2016 EN 301 893 V2.1.1:2017 EN 301 489-17 V3.1.1:2012 EN 62311:2008 Interfaces Radio Bluetooth, Wi-Fi Wi-Fi Security WPA-TKIP, WPA2-AES 40/64-104,128/152-bit WEP IEEE 802.1X wireless client support and wired LAN authentication EAP-TLS, PEAP	Operating Temperature 5-35° C (41-95° F) Atmospheric Pressure 540-1,060 mBar PHYSICAL CHARACTERISTICS Dimensions 124.46 mm(L) x 63.5 mm(W) x 27.94 mm(H) Weight 0.35 lbs. (160g) BATTERY Capacity 12 hours ¹ COMPLIANCE Safety Standard(s) ANSI/AAMI ES 60601-1, CAN/CSA C22.2 No.60601-1, IEC/EN 60601-1 Pulse Oximeter Standard(s) ISO 80601-2-61 Alarm Standard(s) IEC 60601-1-8 EMC Standard(s) EN 60601-1-2, Class B Type of Protection Internally Powered Degree of Protection Type BF, Defib Proof-Applied Part Mode of Operation (per IEC 60601-1) Continuous Operation Enclosure Degree of Protection IP24 ORDERING INFORMATION Radius-7 PN 9916 Radius-7 with Wi-Fi PN 9903

* Features only available with Wi-Fi version of Radius-7.

† Masimo SET® Measure-through Motion technology includes SpO2 and PR.

‡ The use of the trademark Patient SafetyNet is under license from University HealthSystem Consortium.

¹ Battery capacity during continuous Masimo SET® monitoring when display is off, Wi-Fi is off, and Bluetooth is on.

Radius-7 with Wi-Fi is not licensed for sale in Canada.

For professional use. See instructions for use for full prescribing information, including indications, contraindications, warnings, and precautions.

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