

PRIME

Remote Monitoring Solution



- Integrated 12 Lead ECG
- Integrated Wireless Blood Pressure Cuff
- Integrated Wireless Pulse Oximeter
- Integrated Wireless Thermometer
- Dynamically Calculated Early Warning Score
- Full Electronic Patient Record Integration For Access To EMIS And TPP SystemOne
- A Lightweight And Durable Protective Carry Case



PRIME is the completely portable solution for vital sign monitoring. Designed by Rinicare with the input of active clinicians, PRIME makes vital sign monitoring and data analysis more efficient and effective than ever before.

The PRIME system continuously displays vital sign data from a suite of wireless sensors in real-time allowing users to quickly and accurately evaluate patient conditions resulting in a more complete diagnosis and, ultimately, better patient care. Due to the portable nature of the system, PRIME can be deployed anywhere in the world allowing the user unparalleled capabilities for real time monitoring, data collection and data analysis.

By providing patients with accurate and consistent monitoring in the community, PRIME ensures the best care is provided when and where it is needed the most. Patients can be assessed in their own homes by clinicians or even remotely by independently sending in their vital sign data to specialists, therefore, helping to reduce the workload on clinicians. PRIME provides the opportunity for more comprehensive and bespoke care with greater patient satisfaction.

Reliable and effective care in the community will also lead to fewer admissions into hospitals and obvious benefits associated with this. By streamlining the task of vital sign monitoring, PRIME offers a direct cost-benefit to healthcare providers.

PRIME also dynamically calculates the National Early Warning Score which is designed to improve the detection and response to clinical deterioration in adult patients. This instant calculation makes it easier for users to respond in a more timely manner to patient conditions. Finally, PRIME is fully integrated with both the EMIS and SystemOne electronic patient record systems allowing clinicians to seamlessly transfer patient data to the appropriate location. By directly connecting to the electronic patient records, PRIME is the complete solution for remote monitoring.



PRIME

Data Sheet



General

Dimensions	Height: 64.2mm Diameter: 133.6mm
Weight	415g
Housing	Grey plastic housing with white label
Storage Conditions	-20°C to 60°C (max 1 month to avoid battery degradation)
Language	English

Networking

Connectivity	BCM43438 Wi-Fi (802.11b/g/n 2.4GHz) Bluetooth 4.1 BLE Bluetooth 4.0 BLE
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Electrical & Environmental

Internal power	3.7V 5.2Ah lithium-ion rechargeable battery
Input voltage range	DC 12V / 2.5A (max) 2.1 & 2.55mm charging port
Operating temperature range	5°C to 25°C

System

Model	1.1.2.1.1
Processor	4x Cortex-A53 1.2GHz
Display	PRIME IoT App (Android) Web User Interface

