

HeartStation RMS

Technical Spec Sheet

RMS Patents

Have been filed internationally.

How RMS Works

RMS reads the AED's electromagnetic signal when it performs its self-test. If the AED needs service or is missing, RMS reports to HeartStation cloud servers by cellular communication. RMS Partners access this information and integrate it into their AED management program.

Compatible AED's

All brands - even many old AED's.

Maintenance Free - RMS doesn't need to be touched for 7 years!

1. RMS uses a Lithium Thionyl Chloride battery which will provide 7 -10 years of service.
2. Software upgrades are automatically pushed "over the air" to RMS units.
3. Low power components and technology such as Cat M1 are used.
4. RMS goes into a deep sleep mode between AED self-tests. This reduces battery consumption.
5. To ensure that RMS is functioning properly, a communications test is performed regularly.

It is critical that the AED remote monitoring device does NOT add additional maintenance.

RMS Utilizes Advanced Cellular Technology

RMS is able to determine the strongest cell carrier available and change carriers if necessary. *This is exclusive HeartStation RMS technology.*

Cat M1 cellular data transmission technology is state-of-the-art. It improves efficiency, minimizes data transfer costs, and all but eliminates maintenance.

AED Management Software Integration

RMS Partners integrate HeartStation's Application Program Interface (API) [API version 1.3](#) into their AED management program. This makes it possible to remotely monitor all AED's in their system. They also have the ability to query all their AED's, groups of AEDs, or even an individual AED.

Security and Confidentiality

HeartStation identifies RMS Partners with a Unique Identifier number (UID) and individual RMS devices by an International Mobile Equipment Identity number (IMEI).

This provides a high level of security and ensures user confidentiality.



Hardware Components and Installation

1. **AED Sensor:** Reads the electromagnetic signal from the AED. Thin mat (8.75" x 8.75" x .13" thick) is mounted in the cabinet directly behind the AED with mounting tape.
2. **Controller Unit:** Houses the RMS circuit board, SIM Card, modem, battery, and cellular antenna. Injection molded case (3.38" W x 4.13" L x 1.5" H) mounts in the cabinet.

The AED Sensor is connected to the Controller Unit by a connector wire with a snap-in plug. To install, simply press the Sensor and Controller in place (mounting tape included). Place AED lying flat against the AED sensor. The entire installation process takes only a few minutes.

No modification of the cabinet is required. Installs in any metal cabinet.



RMS is a White Label Product

RMS is a White Label product developed exclusively for HeartStation RMS Partners who have an AED Management Program in place. There are no territories, MAP pricing, or MSRP.

Warranty

HeartStation warranties RMS to be free from defects in workmanship and materials under normal use and conditions for a period of two years from manufacture date.

Pricing

See you HeartStation distributor or contact us for a reference.

Brent McNeal	218-233-8630	brent.mcneal@heartstation.com
Kaylie Moser	218-233-7889	kaylie.moser@heartstation.com
James Sabot	218-233-7889	james.sabot@heartstation.com

Availability

RMS is currently available for immediate shipment.

[Click Here to view RMS Frequently Asked Questions](#)

