



WORLDWIDE HEATING SYSTEMS

**RIXEN'S**  
ENTERPRISES, INC.

COMPLETE COMFORT CONTROL

# SATRV

A satellite-based telematics system for the recreational vehicle marketplace. Using the latest technologies to provide a cost-effective practical approach to extend your peace of mind beyond cell coverage and paved roads.

Access Friends & Family

## Satellite Module (SATRV)

MANUAL



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# Satellite Module RV

## Manual

### Features

#### **Global Text Messaging**

Send and receive cellular style text messages and text based emails anywhere your RV is regardless of cell coverage.

SATRV integrates the industry acclaimed Text Anywhere which combines the Iridium Satellite network and any existing cellular network to seamlessly send and receive messages anywhere!

#### **Friends and Family RV Locates**

Peace of mind or just sharing the adventure online, this feature allows friends and family to locate your RV from any computer or smartphone with internet access.

#### **Remote Diagnostics and Control**

RV'S using the new Rixen's MCS7 Heating System with an Eberspaecher furnace can use SATRV to remotely send fault codes and operating data to technicians and service centers to help minimize downtime or extend the fun. The owner can use SATRV to remotely control temperature settings, receive alarm notifications.

#### **Tracking**

An optional feature that will provide hourly location updates on a secured online map to share your adventures with friends and loved ones.

#### **Virtual Panic/Emergency Button**

Set up an emergency contact that will receive your request for help with a map link providing your most current location.

Two Options are available for customers.

## Integrated SATRV

Part Number E21-303

The integrated SATRV is designed to be plugged into the RIXENS MCS7 control board and is pre-wired at factory for plug and play. Remote diagnostics, thermostat control and alarm notifications further enhance the SATRV experience with this integrated module.



## Standalone SATRV

Part Number E21-304

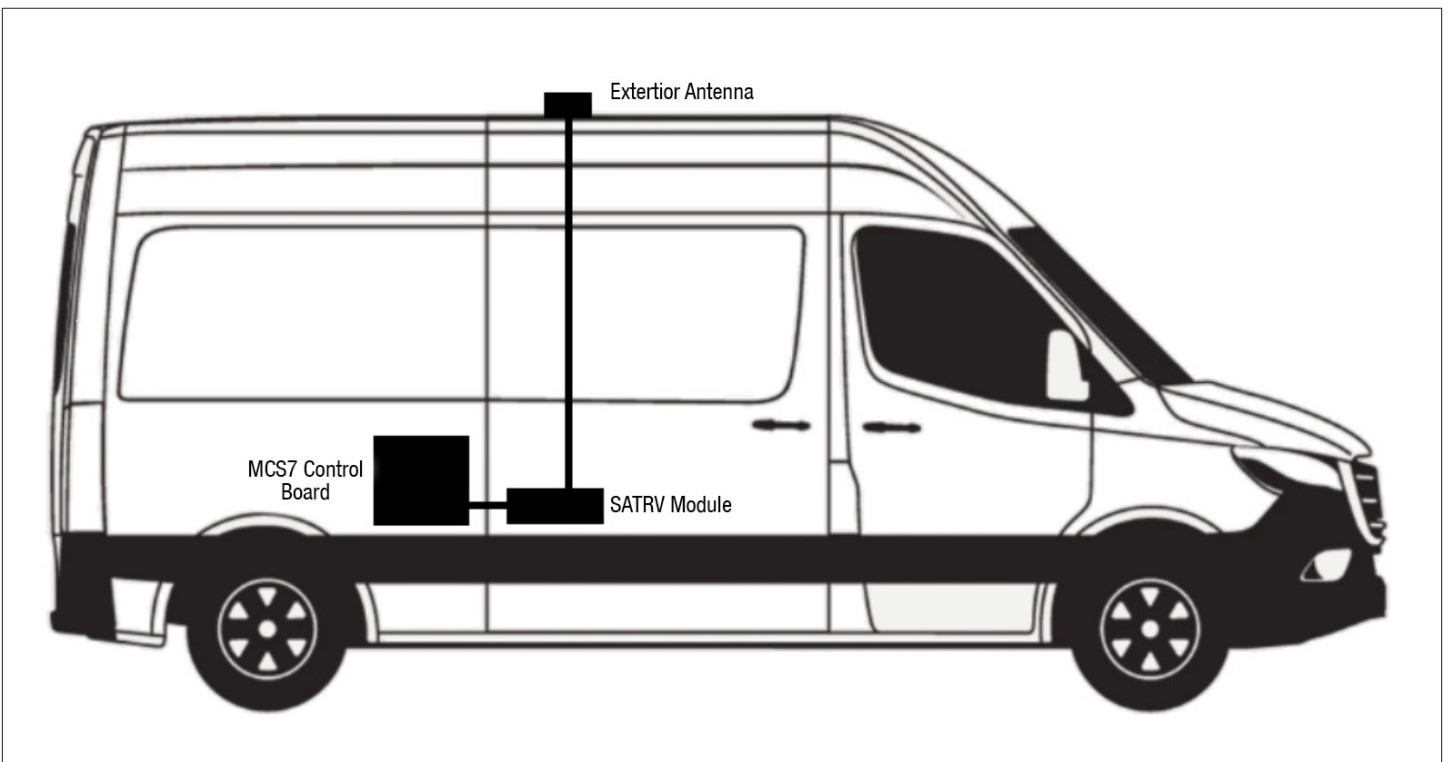
The standalone SATRV is ideal for those who want to use these powerful features in their RV, boat, airplane, or car. Just plug it into standard 12volts vehicle power, set on the dash, roof or any area with a view to the sky and you are now connected to friends & family. Connect wirelessly to any smartphone, tablet, or laptop with its built-in app to send and receive messages, activate features or add-in services..



## Installation of the Antenna for the integrated SATRV module

Part Number E21-302

The antenna must be mounted on the exterior roof of the RV clear from any obstruction to the sky for maximum performance and minimum communication time.



## Operations

Log onto the “Friends and Family” icon on the home page of the SATRV.com website to begin.



## Logging in

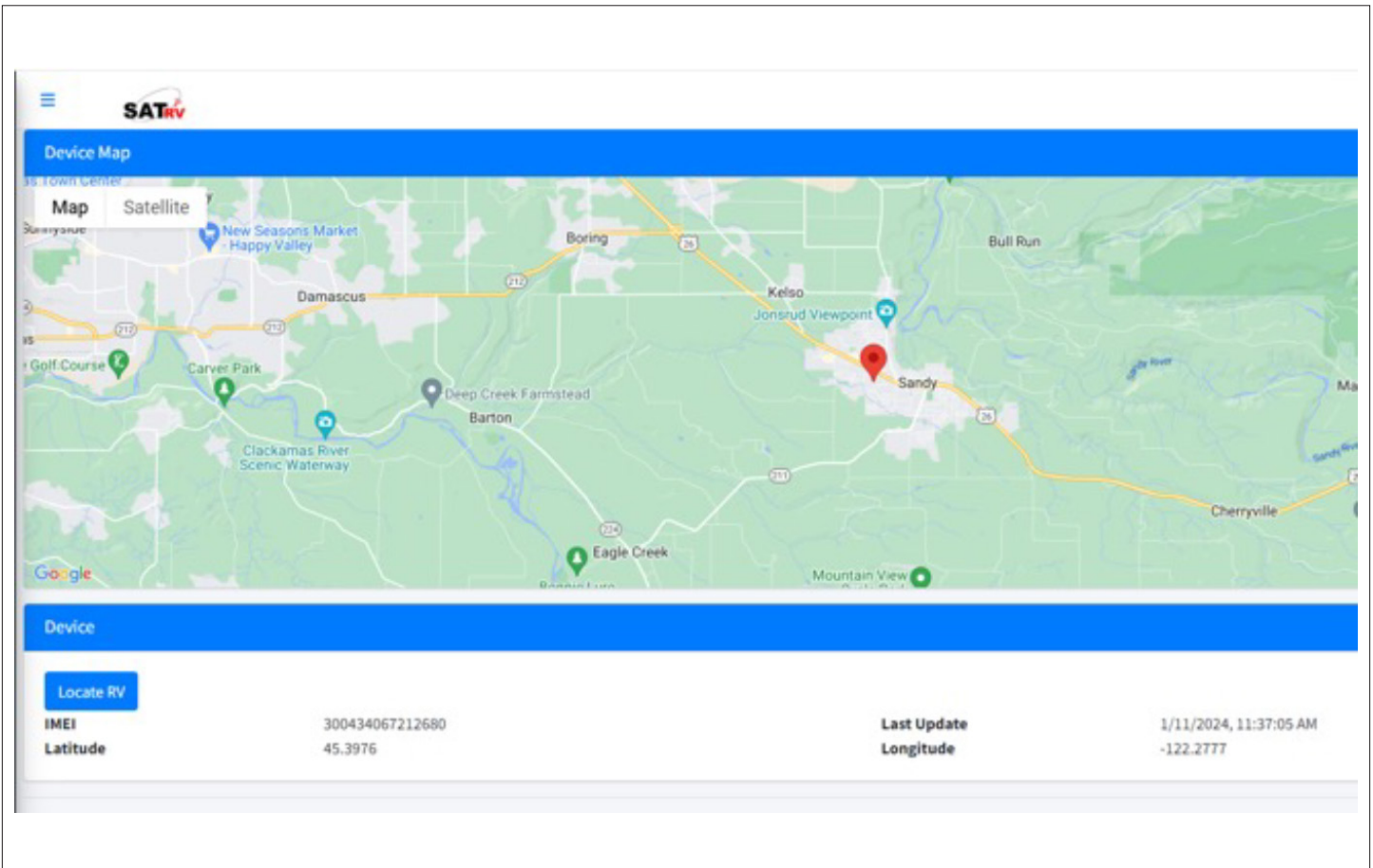
The remote ID is assigned to the user's device and located on the back of the module. The default password is the last 4 numerical digits of the assigned module number. For example, RV0016 password is 0016.

The image shows a screenshot of the SATRV login page. The page has a white background with a blue header containing the SATRV logo and a hamburger menu icon. Below the header, there are two input fields: "ID:" with the value "RV0016" and "PIN:" with the value "\*\*\*\*". Below these fields is a note: "\* This information must be provided by the owner". There is a blue "Login" button below the note. At the bottom of the page, there is a section titled "Only have your IMEI?" with a blue "Lookup ID" button.

## Menu



**RV Locate** will provide you with a Google Maps location display along with the exact global longitude and latitude coordinates.



**Diagnostics** will display a live interface of the Eberspaecher furnace operations and fault codes for the technician or service center.

The screenshot shows a 'Diagnostics' screen with a yellow header. Below the header are three buttons: 'Poll Diagnostics', 'Set Temperature OTA Command', and 'Change Pin'. The main area displays two columns of system parameters:

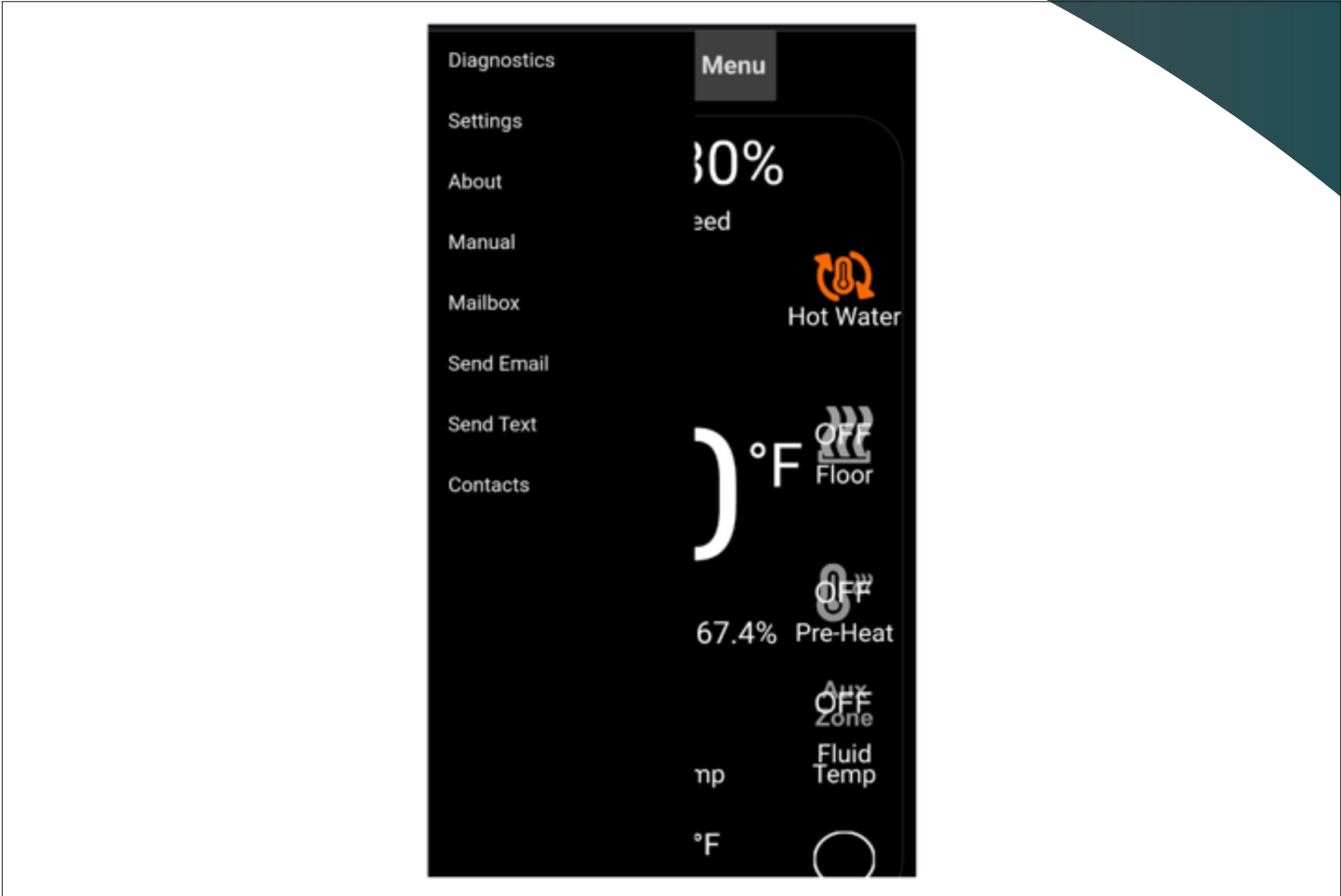
<b>Report Date:</b>	1/11/2024, 11:37:05 AM	<b>Setpoint</b>	93.2 F
<b>Ambient</b>	57.7 F	<b>Voltage</b>	13.2 V
<b>Runtime</b>	970:38	<b>Firmware</b>	2023-05-12
<b>Fan-Glow-Fuel</b>	0-0-0.0	<b>Outlet temp</b>	162.5 F
<b>Inlet temp</b>	162.1 F	<b>Flame Sensor</b>	157.1 F
<b>Air Pressure</b>	955 hPa		
<b>Auto Fault Reset</b>	Ready		

Below the parameters, a fault code is displayed: 'AF' followed by 'P000000 - Unknown;'.

Set Temperature will allow the user, technician, or service center to remotely set the temperature. Note, the RV owner/operator must be present at the RV to manually activate the MCS7 heating system via the touchscreen controller for safety purposes.

The screenshot shows a 'Device' control screen with the SATRV logo. It features a 'Target Temperature (F):' field with a value of 80. A red slider bar is positioned below the field, with a red marker at 80°F and a red '80°' label above it. The slider has a range from 60 to 90. Below the slider is a 'Switch Unit To C' button. At the bottom of the screen are 'Submit' and 'Cancel' buttons.

**Texting and Emails** can be sent via the MCS7 touchscreen controller from the drop-down menu. The controller drop down menu will display existing mailbox, composing new emails or text messages and the user's contact list. Emails and text messages can be up to 150 characters long.



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