



Quick Start Guide



The smart, simple and cost effective way to remotely monitor and alarm your properties temperature, humidity, power and more!

Model: MAR PRO

MarCELLPRO.com

FCC COMPLIANCE STATEMENT

This device complies with part 15 of the FCC rules. Operations is subject to the following two conditions:

1) This device may not cause harmful interference and 2) this device must accept any interference received including interference that may cause undesired operation

LIABILITY DISCLAIMER STATEMENT

Sensored Life,LLC (hereafter known as Sensored Life) makes no warranty, representation, or guarantee regarding the suitability of its products for any particular purpose, nor does Sensored Life assume any liability arising out of the application or use of any product, and specifically disclaims any and all liability, including without limitation consequential or incidental damages. Sensored Life products are not designed, intended, or authorized for use as components in life support systems, or for any other application in which the failure of the Sensored Life product could create a situation where personal injury or death or significant financial loss may occur.

Should any person or persons purchase or use Sensored Life products for any such unintended or unauthorized application, that person or persons shall indemnify and hold Sensored Life, and its officers, employees, affiliates, and distributors harmless against all claims, costs, damages, expenses, and reasonable attorney fees arising out of, directly or indirectly, any claim of property damage, personal injury, death or financial loss associated with such unintended or unauthorized use, even if such claim alleges that Sensored Life was negligent regarding the design or manufacture of the product in question.

MarCELL PRO Base Unit

The base unit is essentially a temperature and humidity logger, power monitor and cell phone all rolled into one small package.



START HERE –

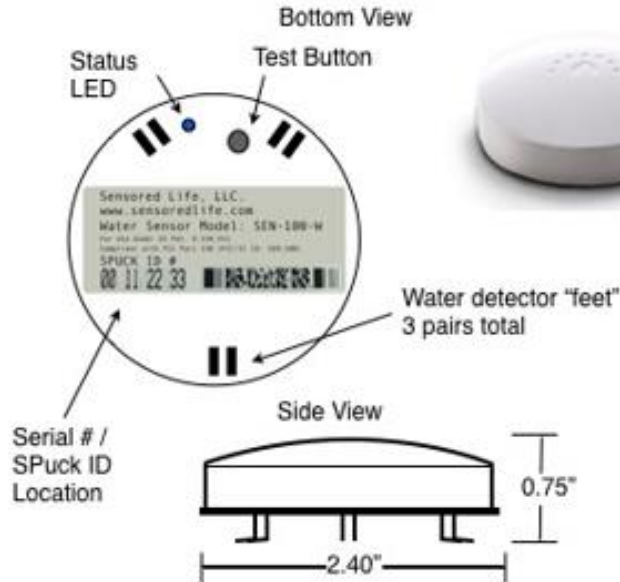
Set Up Your MarCELL PRO Base Unit

Step 1: Register	<ul style="list-style-type: none">– Go to www.marcellpro.com– Click on <u>Register</u> near top right of home page– Follow instructions for setting up a new account– Enter Device ID (from label on top of unit), name & location– Accept or change Temperature, Humidity safe ranges– Set up notifications (What you want MarCELL PRO to do when an alert condition is detected)– Next, sign up for service to activate the unit
Step 2: Plug in	<ul style="list-style-type: none">– You can now plug in your MarCELL PRO– The outlet and unit should be indoors and/or protected from direct contact with the elements (snow, rain, etc.). When selecting an outlet, stay away from a location which gets direct sunlight or subject to drafts
Step 3 Verify	<ul style="list-style-type: none">– After 20 seconds to 1 minute, the LED power light should turn to a steady green light signaling it has registered online and it is ready to begin monitoring the environment & reporting alerts.– If you do not receive a solid green light for power – refer to the trouble shooting chart <p>IMPORTANT NOTE: No temperature or humidity alerts will be sent out in the first 30 minutes after your MarCELL PRO is first plugged in as the sensors get used to their new environment & stabilize.</p>
Step 4 Test	<ul style="list-style-type: none">– This test should only be done once the unit has been registered and the unit is plugged into a live wall outlet and the status light on the MarCELL PRO is on and solid green– To test the unit, simply unplug it from the wall for 30 seconds. This will have the same effect as a power outage. MarCELL PRO will detect that power has been lost, connect to the internet and send the alert(s) you have set up.– Depending on your connection – you should receive a notification (depending on what type was set up in step 1) within 1-2 minutes



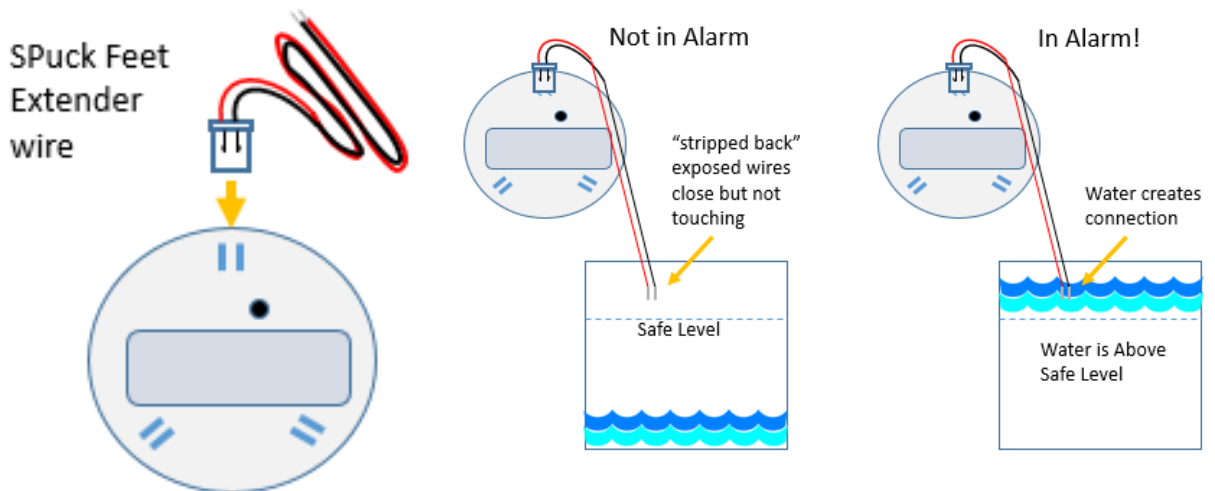
Water Sensor Pucks (SPucks)

The MarCELL PRO base unit can optionally be “paired” wirelessly with up to 16 SPucks. SPucks are designed to quickly detect water in a flooding situation via metal contacts (feet) on the bottom of the unit.



An optional “feet extender” wire and harness may also be included in your package. Use in applications such as sump pumps, bilges or other areas where rising water would quickly overwhelm the SPuck.

See marcellpro.com/water-sensors for more information and advanced user applications



Water Sensor Puck Setup

Step 1:

Log-in and pair the SPuck to the base unit

Prior to setting up a water SPuck, make sure your MarCELL PRO base unit is registered and operating properly.

Registering a SPuck connects it to your account and a specific MarCELL PRO base unit.

- Go to www.marcellpro.com
- Click on login to access your account
- Select “My Devices”, then select the base unit you want to link your SPuck to.
- Select “add SPuck” and follow instructions on screen.
- Accept or change Temperature, Humidity safe ranges

After completing the SPuck registration online, the new SPuck will be wirelessly paired with your MarCELL PRO unit. (this process may take a few minutes and result in the base unit blinking its green power light)

Step 2

Test and select location

To ensure that a SPuck can communicate properly with the MarCELL unit, perform the following test by standing a few feet from the MarCELL PRO unit.

- Flip SPuck over and press and release the test button. Note that the blue LED will light for a second or two and then turn off.
- The SPuck will send a wireless signal to the MarCELL PRO base unit. If the MarCELL PRO base successfully receives this message, it will flash its green power LED indicator for 30 seconds. (you will not however receive any alerts with this test)

Next, test again from the location the SPuck will be placed. Again, note if the base unit blinks green after hitting the test button on the SPuck. If it does not, refer to trouble shooting page.

Step 3

Place into service

- Place the SPuck so that the metal “feet” are flat on the surface. If water come in contact with any pair of the feet, the SPuck will send a wireless signal to the MarCELL PRO base unit and dispatch the alert you have set up.
- **IMPORTANT:** Once a water SPuck detects the presence of water and sends a signal, it automatically deactivates to conserve its battery. In order to reactivate the SPuck, turn it over and press the test button. Once the blue LED blinks – your SPuck is back in service.



Base Unit Specifications and Troubleshooting

MarCell PRO	SPECIFICATIONS
Dimensions	5.80" Tall x 4.50" Wide x 1.50" Deep
Model Number:	MAR-PRO
Power Input	DC, 5V @ 2A
Battery Type	Internal Li-Ion rechargeable. DO NOT REMOVE. Electronic Recycling of entire unit req'd if battery no longer functioning.
Battery Duration	24-48 Hours Typical when fully charged
Operating Range	Temp: 10 to 120 degrees F. Rel. Humidity: 10 to 95%, non-condensing
Alarm/ Notification Conditions	Temperature (out of safe range determined by user) Humidity (out of safe range determined by user) Power (change in status) Water (Presence with Sensor Puck (SPUCK))
Notification Types	Email, Text Message, Phone Call (North America)
Number of Notifications	Up to 9 separate notifications (text, email and/or phone call) + 2 additional with each SPuck added
Communication Technology	Cellular – CDMA - Verizon or AT&T Verizon – only for use in USA. AT&T – for use only in USA and Canada. Do not attempt to use outside these areas as overages will occur and will be charged to your account
Historical Data Recording and Sampling Frequency	Presence of alarm conditions is monitored every 10 seconds within MarCell PRO and unit connects online and reports immediately upon meeting the alarm threshold. If no alarms are detected - data for temperature, humidity and power is recorded and logged every 30 minutes.
Historical Data Upload Interval	Historical Data (see above) uploaded to web every 8 hours or when "update now" has been activated online. (PRO users receive 20 "update nows" per month)
Wireless External Sensor Communication	915MHz, proprietary protocol, 16 external "paired" SPucks max

LIMITED WARRANTY

Sensored Life LLC, hereby warrants that it will repair or replace, at its option, any part of the MarCELL Temperature, Humidity and Power Alarm (hereafter known as MarCELL), which proves defective by reason of improper workmanship or material, free of charge for parts and labor, for a period of 1 year from the date of original purchase by the buyer. This warranty does not apply if, in the sole opinion of Sensored Life, MarCELL has been intentionally damaged due to misuse, neglect, improper packing, shipping, modification or servicing by other than Sensored Life, or personnel authorized by Sensored Life. For information on how to obtain service under this warranty contact the dealer where your MarCELL was purchased, or contact Sensored Life via our website at: www.SensoredLife.com or MarCELLPRO.com.

Base Unit Diagnostics and Troubleshooting

If you need support for your unit please contact us!

info@marcellpro.com

marcellpro.com

(866) 568-2770

Status Light Sequence Meaning on MarCELL PRO Unit

Lights Shown	Meaning	Notes / Action
Status 1: Blinking Yellow	Unit detects power at outlet and is initializing	Normal start up when unit first plugged in
Power: Blinking Green (at start up)	Unit connected with cell tower & registered with server	Stage two of start-up sequence
Power: Solid Green	Unit is working normally - monitoring environment	Standard general monitoring mode
Power: Quick Blinking Green	Unit is reporting data to the server	Upload of hourly data or alert
Power: Slow Blinking Green	No power at outlet but unit still monitoring	Running on battery power
Status 2: Solid Red	No cellular reception	Try different outlet for better reception
Status 2: Blinking Red Status 1: Blinking Yellow	Either Unit not registered but connection with cell tower and server established -or- unit is registered but connection subscription has expired or been cancelled	Go to www.SensoredLife.com and register unit or update connection plan. No alerts will be sent.
No light	Either "off" button pressed or unit has been without power and battery has run out	Restore power to outlet to resume monitoring function
Power: Blinking Green Status 1: Blinking Yellow	Unit is retrying a cellular call or new firmware being downloaded to unit.	DO NOT UNPLUG during this process
Status 1: Solid Yellow	Unit is in "Do not Call Mode" because cellular subscription is suspended	If suspended, restore your device or renew your subscription online to start receiving notifications

Resetting your MarCELL PRO Unit

Your MarCELL PRO unit has been manufactured to provide years of trouble-free operation. On rare occasions if you notice that it has gotten into a strange mode or has stopped reporting, you may reset the device. Use the following procedure: Unplug the unit from the outlet. Gently press and hold (for 1-2 seconds) the "off/reset" button located on the back of the unit, above the label. Use your finger or the eraser of a pencil to gently press and hold the button. The LED lights on the front of the unit should turn off. After 5-10 seconds, plug MarCELL PRO back in to resume normal operation.



SPuck Specifications and Troubleshooting

SPuck Specifications	
Dimensions & Weight	0.75" Tall x 2.40" diameter 1 ounce
Battery type	CR2032 Lithium Coin Cell
Battery Life	Typically 5 years – depending on number of times in alarm
Operating Range	Up to 200 feet from base unit depending on structures
Wireless Technology	Radio Frequency (RF – Compliant to FCC part 15)
Communication Frequency	917 MHZ
Status Indicator	1 Blue LED

Troubleshooting SPucks	
Problem	Actions
Blue LED does not light when pressing test button	<ul style="list-style-type: none">- Make sure battery is properly installed- Make sure battery indicator on SPuck page is green- Install new battery, wait 30 seconds and try again
SPuck not communicating with MarCELL PRO base unit	<ul style="list-style-type: none">- Make sure MarCELL PRO base unit is registered and operational- Make sure SPuck is registered to the correct MarCELL PRO unit- Make sure blue LED flashes when pressing test button- Move MarCELL PRO Base unit or SPucks closer to each other. There are too many dense objects in the way or distance is too great.
SPuck not detecting water	<ul style="list-style-type: none">- Press test button to make sure SPuck has been reset- Make sure SPuck is on smooth, non-metallic, relatively level surface and that both feet in the pair would come in contact with water if a leak occurs.

If you need support for your unit please contact us!

info@marcellpro.com

marcellpro.com

(866) 568-2770