

VetGuardian

USER MANUAL

Purpose of the document

The purpose of this document is to provide direction and explain how to set up and use VetGuardian. User understands and acknowledges that (i) it is participating in SMP's Early Market Test for the Products, (ii) it is receiving a preliminary version of the Product, and (iii) the Product may not operate properly, may not perform all functions for which it is intended or represented, and may not operate error-free. User agrees to use the Product primarily for purposes of evaluation, agrees to provide SMP with its comments, criticisms, and suggestions for changes with respect to the Product, and agrees to help SMP identify any and all errors or malfunctions in the operation of the Product. For a period of three hundred and sixty-five days (365) days from the date User receives the Products (the '**Test Period**'), User shall keep a written record of the use and results of the Products together with any unusual, unplanned, or extraordinary events observed by User during the Test Period, supported by data, printouts, photos, or other evidence of such events as appropriate. From time to time throughout the Test period, SMP may require additional or modified tests of the Products as may be reasonably requested by SMP. User's personnel shall report each instance of any failure or malfunction of the Products ('**Product Failure**') in full (including, without limitation, description of the application then underway and the specifics of the Product Failure). If any Product Failure results in damage to files or data or if the frequency of Product Failures is excessive under the circumstances, User shall also promptly notify SMP of this fact. Copies of the reports regarding Product Failures shall be forwarded to SMP.

Equipment Statements

For All Equipment:

Changes or modifications not expressly approved by SMP could void the user's authority to operate the equipment.¹ This device complies with Part 15 of FCC Rules. Operation 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.

Class B equipment:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: —Reorient or relocate the receiving antenna. —Increase the separation between the equipment and receiver. —Connect the equipment into an outlet on a circuit

different from that which the receiver is connected. —Consult the dealer or an experienced radio/TV technician for help.

This device contains an array of SPAD (single photon avalanche diode) detectors, and an integrated 940 nm light source based on an eye-safe Class 1 VCSEL (vertical cavity surface-emitting laser). The laser output is designed to remain within Class 1 laser safety limits under all reasonably foreseeable conditions including single faults in compliance with IEC 60825-1:2014 (third edition).

Caution: Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure

Compliance Information for the Wi-Fi module

FCC PART 15 STATEMENTS:

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense. The end user of this product should be aware that any changes or modifications made to this equipment without the approval of the manufacturer could result in the product not meeting the Class A limits, in which case the FCC could void the user's authority to operate the equipment.

Compliance Information for the Wi-Fi module FCC: Contains 2ABCB-RPICM4

This device complies with Part 15 of the FCC Rules. Operation 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.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To satisfy FCC RF Exposure requirements for mobile and base station transmission devices, a separation distance of 20 cm or more should be maintained between the antenna of this

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device and persons during operation. To ensure compliance, operation at closer than this distance is not recommended. The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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Document History

Version	Date	Drafter	Description
1.0	9/30/19	SJI	Initial Draft
1.1	11/11/19	VRL	First Release
1.2	4/20/20	SJI	Version 9.8
1.3	10/28/20	MAC	Corrected iP's
2.21	8/2/21	RCF	Updated Links
2.22	3/7/22	RCF	Updated for Gen 2 Device
2.23	5/15/22	KB	Updated per FCC Updates
2.24	5/15/22	KB	Further Updates

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1. ABOUT VETGUARDIAN

1.1) Brief Description

VetGuardian is a remote vital sign monitor for animals. It can measure a stationary, non-moving subject's respiration and heart rate from up to 4 feet away without any physical contact. Users can run vital sign monitoring sessions in the VetGuardian application, which also displays readings and stores electronic medical records and patient demographic information.

1.2) Major Components

The VetGuardian platform is comprised of 6 major components:

- VetGuardian Device: Collects and interprets vital sign data; Attaches to base (included)
- Clamp: Attaches to VetGuardian device by means of a screw (included)
- Power Adapter: Supplies power by means of a cord (included)
- Base: Bolsters and holds in place the VetGuardian device (**not included, an IV Pole can be used as the mounting stand**)
- Device: Computer, Windows's tablet (**not included**)

1.3) Personas

Stakeholders of VetGuardian fall into 3 types:

- 'Application User' refers to a person using the VetGuardian Application, usually an animal health provider such as a Veterinarian or Technician.
- 'Subject' or 'Animal Patient' refers to an animal whose vital signs are being monitored or whose information is saved in the VetGuardian application.
- 'Admin' refers to the primary user(s) of the VetGuardian Application, who can access the Admin Settings section of the VetGuardian Application.

1.4) Support

Reach out to SMP for product support and feedback between 9:00 AM to 5:00 PM EST. An SMP representative will respond as soon as possible:

- **1-844-VGVITAL**, VetGuardian Office Phone Number
- info@vetguardian.com
- VetGuardian Application Home Page > Feedback
- <https://www.vetguardian.com/contact>

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For any inquiries, please call or email us. Alternatively you can fill in the following contact form.

Tel: [1-844-VGVITAL](tel:1-844-VGVITAL)
 Email: info@vetguardian.com

Corporate Office:
 151 Innovation Drive, Suite 320
 Elyria, OH 44035

Registered Office:
 747 SW 2nd Ave
 Gainesville, FL 32601

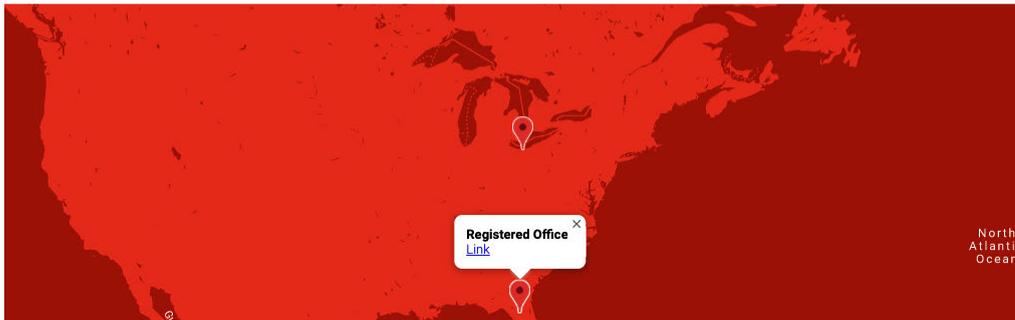
Send Us a Message

First name Last name *

Email *

Phone Number

Message *



2. INITIAL VETGUARDIAN SETUP

2.1) VetGuardian Application Setup

Application Users must install the VetGuardian application on a computer to use the platform. It can be downloaded at <https://www.vetguardian.com/technical-information>. Follow the on-screen directions for installation. A VetGuardian Application short-cut will appear upon completion of installation.

NOTE: The application currently works only with Windows. If your clinic/hospital is using macOS, please contact the VetGuardian team for a solution.

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Technical Information

User Manual

[VetGuardian™ User Manual v.1.0](#)

Software

[VetGuardian™ App - Version 0.9.8.88 \(For 1080 P Cameras only\)](#)

[VetGuardian™ App - Version 0.9.8](#)

[VetGuardian™ App - Version 0.9.7-beta](#)

[VetGuardian™ App - Version 0.8](#)

2.2) Set Up

Do not turn on device yet

1. On the main computer, navigate to the following link — <https://www.vetguardian.com/technical-information> and select the latest version of the VG software application.
2. Open the download file in the bottom left corner
 - a. A window that says 'windows protected your PC' will pop up. Click on 'more info', then 'run anyway'
 - b. The VG software will install and open
3. Take the VetGuardian device out of the box. Attach the power cord to the device and then plug the cord into an outlet. Turn the device on. Red led lights should come on to indicate the device is plugged in and charging.

After a few moments, the corner LED light will turn solid blue which indicates that the device is in setup mode.

4. Using a phone (or computer that has wireless capability and isn't the main computer that will be used for VetGuardian), connect to the VetGuardian wireless network.
 - a. Go to Settings
 - b. Select Wi-Fi
 - c. Select VetGuardian

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5. On that same device, open an internet browser and navigate to <http://vetguardian.setup> (**http:// - NOT https://**)
 - a. A list of available Wi-Fi networks will appear
 - b. Select your clinics Wi-Fi Network and enter your password
 - c. Click next

6. Two text boxes will appear asking for IP addresses. These are optional, but if filled out, the IP address should be the same as the one in the top left corner of the VetGuardian application. Filling out this text box will decrease booting time.
 - a. Click next
 - b. Click the button at the bottom that says "apply changes and restart"
 - c. Wait a couple minutes for the device to restart and boot up

Device should now be fully connected and ready for use.

End of document

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