

### **Temporary Text Box — Editing Notes / Comments/ Questions**

Use this QR PDS for testing and certifications for GregH....!!!

Add more content about pairing/adding/using the <device\_name> specifically...?

Make sure the terminology and logos etc are correct and consistent...!!!

Add more specific info about features, such as: arm security (stay, away, entry & exit delays, quick exit, silent exit, auto stay), disarm, alarms, emergency, burglary, fire/smoke, CO, smart home automation, door locks, cameras & video, thermostat, control light, device settings & configuration, users, remote access via apps, alert notifications, system messages, customize panel UI sounds & behavior, system test, settings, FAQs, troubleshooting, service, warranty, contact info, more...?)

Have primary PM (and others/ PMs/ SW/ HW/ QA/ ?) do another FINAL top-down technical and content review ...!!!

**PRINT INSTRUCTIONS FOR REFERENCE SHEET FOR: VS-EH1000-001 — !!! DRAFT !!!**

**DOCUMENT P/N: 77-600071-001 REV 1.0 | ISSUE DATE: |**

**INK: BLACK | MATERIAL: 20 LB MEAD BOND | SIZE: 8.50" X 11.00" SCALE 1:1 |**

**FOLDS: BI-FOLD VERTICAL, BI-FOLD HORIZONTAL (TO FIT IN BOX)**

## **Vivint Security Hub**

(VS-EH1000-001)

### **Quick Reference (Overview, Installation, Specs, Regulatory)**



The Vivint Security Hub® is a basic controller that serves as the central component of the Vivint Smart Home™ system, a fully supervised, integrated, and intelligent home security and smart home automation ecosystem.

The system — comprised of the hub plus various security sensors and smart home devices — incorporates the most advanced technologies and functionality available today. The hub can either be installed on a wall using the back plate, or placed on a flat surface such as a desk or counter top. The system can be expanded and customized to fit individual home environments and customer needs.

The Security Hub provides essential system supervision and works in conjunction with the Vivint app that can be downloaded to your mobile device and used for access and control of all system functions, including arming and disarming, viewing and clearing alerts, and configuring and controlling connected devices such sensors, locks, cameras, and system control keypads, etc. The hub itself includes a buzzer for system count down, and alarm siren (piezo) functionality. The app interface shows real-time status of the network connection, power, sound, and overall system security. The LED light indicates the status of the security system.

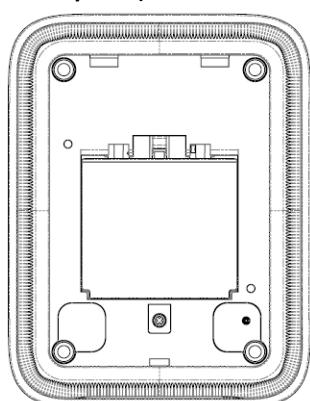
This document includes a product description, illustrations, basic operation overview, and installation instructions; as well as technical specifications, standards listings, and regulatory compliance references.



**Security Hub (front view) —**



**Security Hub (back view with back plate removed) —**



### **Operation Overview / User Functionality**

Once the hub is up and running, the user can perform the following functions via the mobile app. For more details, refer to online Help at the Vivint Support site: [support.vivint.com](http://support.vivint.com).

The hub monitors and manages all aspects of your smart home system, including security sensors (door/window, motion, etc.), and automation devices (cameras, door locks, etc.). The app provides critical status information, alerts, and activity history. You can use the app interface to access video, audio, and emergency features; as well as arm & disarm the security system, add users, and configure and control peripheral devices.

### **MAIN FEATURES — WHAT YOU CAN DO WITH THE SYSTEM**

- Arm and disarm the security system (Stay & Away)
- Activate alarms with the Panic button (Emergency and Fire)
- Communicate with Vivint Monitoring using two-way talk
- Acknowledge and clear alert notifications
- Add, configure, and control smart home devices
- Add and configure users (for remote access via the app)
- View live video and recorded clips (installed cameras)

### **Technical / Hardware Specifications**

Vivint Part Number (P/N)	VS-EH1000-001
Model Number (M/N)	CP09
System Parameters	100 wireless zones; 50 users; 20 key fobs; 30 keypads; 232 Z-Wave devices (thermostats, door locks, etc.)
Display	7" capacitive multi-touch touchscreen; 1024 x 600 (WVGA) resolution; 24-bit color; LED lifetime: 50,000 hours at half brightness
System Communication	Z-Wave Long Range (LR); Z-Wave Classic
Audio	Sounder: Piezo, 85 dB at 10 feet (3 meters)
Power (AC)	AC adapter (12 V adapter with detachable DC cord) - Input: 100-240 VAC 50/60 Hz (max 1.0 A) - Output: 12 VDC 2.0 A
Power (Backup Battery)	Battery: minimum 1630 mAh, 3.8 V Lithium-ion Polymer (providing a minimum of 4 hours of internal backup battery power when operating in low power mode)
I/O Connectivity	Ethernet port; LTE cellular module
Environmental (Operating Humidity and Temperature Ranges)	The panel will operate at humidity levels of 0 – 90% non-condensing and temperatures between 0°C to 49°C (32°F to 120°F). For optimal battery operation, the recommended temperature range is 0°C to 35°C (32°F to 95°F).

### **Standards Certifications and Listings**

FCC	47CFR Part 15, Subpart B, Class B; and Subpart C
Safety Certification	ETLus Listed
Conforms to UL 1023	Standard for Household Burglar-Alarm System Units (ETLus Listed, see mark below)
ANSI/SIA CP-01-2019	Security System Standard – Features for False Alarm Reduction
FCC ID (Control Panel):	2AAAS-CP09
- Contains FCC ID:	XMR2020BG95M1

\*For complete regulatory compliance information, go to: [vivint.com/fcc](http://vivint.com/fcc).

\*For patents information, go to: [vivint.com/legal/patents](http://vivint.com/legal/patents).



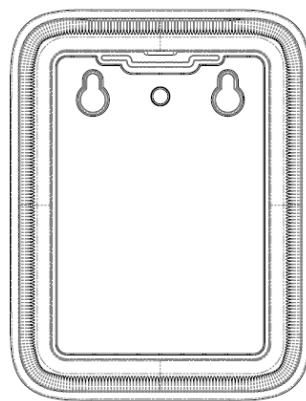
## Installation Instructions Outline

This outline provides a high-level summary of the installation of a Vivint Security Hub device and overall system. The Vivint FSP technician (installer) should carefully read these steps to ensure a successful installation and optimal operation. For more information, refer to the *Field Service Smart Home Pros* website.

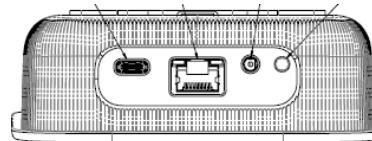
### Follow these steps:

1. **Unpack the box.** The package should contain the hub, wall-mount back plate, and the power supply.
2. **Select an unswitched outlet for the power supply.** Identify an unswitched wall outlet where you can plug in the power supply.
3. **Plan the installation, and place the hub in the chosen location.** Choose a location, near an Ethernet network router, where it is convenient to both hear and see the hub. You can use the provided wall-mount back plate for a wall installation, or simply place the hub on a flat surface such as a desk or counter top.  
**IMPORTANT:** If installing horizontally on a flat surface, make sure the customer is cautioned they should always keep the top of the hub and the surrounding area clear of obstructions so that they can easily hear any sounds and view the LED light status indicator.
4. **Connect to the home network.** Plug an Ethernet cable from the router into the network port on the top of the hub in order to connect the hub to the local home network.
5. **Apply AC power.** Plug the AC power supply into the selected wall outlet and connect it to the power input on the top of the hub.
6. **Wait for the hub to power on.** Once AC power is supplied to the hub, the LED button lights up (blinking white), and the bootup process begins.
7. **Configure system settings via the Vivint Installer App.** Once the hub is finished booting, use the Vivint Installer App to configure the system settings required for basic operation. Note the sequence of this step and that of installing sensors and devices is flexible and can be alternated.
8. **Install and configure the security sensors and other devices.** Install and configure the sensors (door/window, motion, etc.), and smart home devices (cameras, locks, etc.) for a custom system.
9. **Add users.** Identify and add trusted users who can access the system remotely via the app.
10. **Register the system.** Register the system with the account registration ID (ARID) so that it can be monitored by Vivint Monitoring (i.e., Central Station).
11. **IMPORTANT: Perform the Installer Test.** Once the installation is complete, a full system test MUST be performed in order to ensure proper functionality.
12. **Instruct the customer on basic system operation, and how to access online Help and Customer Care.** Show the customer how to do tasks such as arming & disarming security, viewing system alerts, viewing video, and configuring devices. Also, how to access the Support site and contact Customer Care. (Note: Test the system weekly to ensure continued protection and optimal performance.)

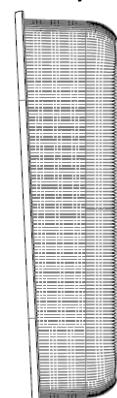
Security Hub (back view with back plate attached) —



Security Hub (top view) —



Security Hub (side view) —



## FCC Regulatory Compliance Declaration\*

**CAUTION!** Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules and Industry Canada license-exempt RSS standard(s). 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 of the device.

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 the 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/television technician for help.

**Indoor Use Only Statement:** FCC regulations restrict operation of this device to indoor use only.

**FCC (U.S.) Radiation Exposure Statement:** This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm (7.9 in) between the radiator and your body.