Vivint Pro Display
(VS-SCRN00-000)
Quick Reference (Overview, Specs, Installation, Regulatory)
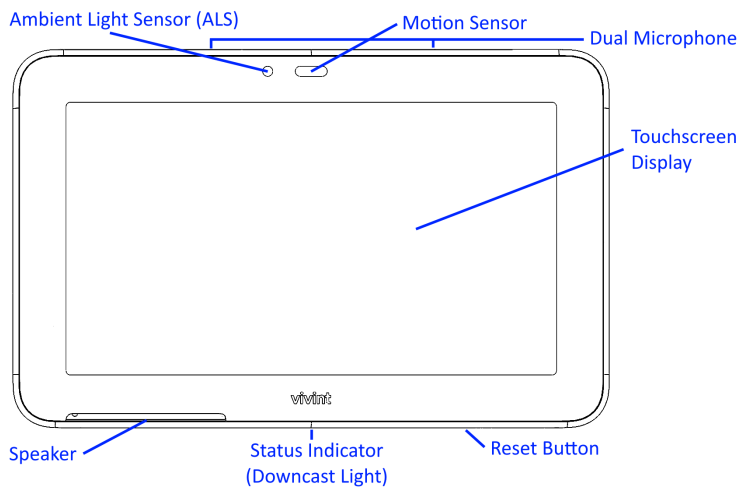
⌂.vivint
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The Vivint Pro Display® is a touchscreen device that provides access and control of a Vivint Smart Home™ system wherever it's convenient in the home. The display communicates with the Vivint Smart Hub, enhancing usability by allowing the user to perform security and automation functions by navigating and interacting with onscreen menus and options. With a streamlined design, the display can be installed on a wall, or on a desk or table top in any room for extended system control.

The display's touchscreen interface allows control of all system functions, including arming and disarming security, viewing and clearing alerts, and configuring and controlling peripheral devices such as sensors, locks, and cameras. Additionally, the display shows time & weather, and real-time status of the network, power, sound, and system security. Speaker and microphones provide two-way talk with Vivint Monitoring, as well as audible doorbell rings, system count down, sensor status sounds, and alarm siren (piezo) functionality. The downcast LED light indicates the status of the security system. Emergency features are also available through the Emergency icon on the touchscreen's status bar.
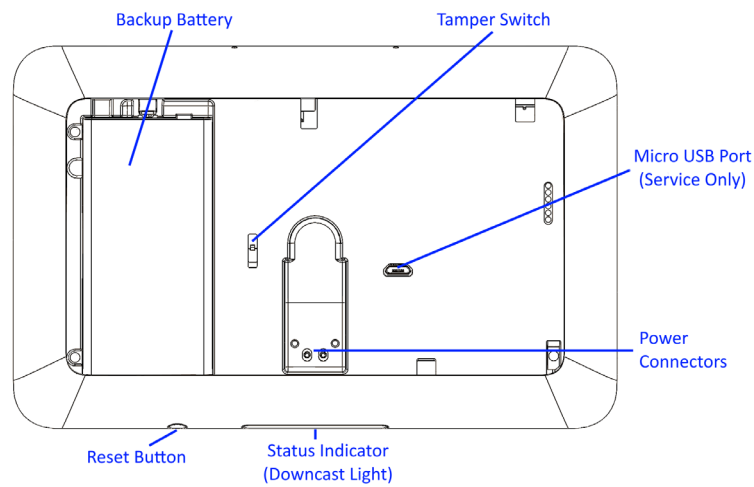
This document includes a product description, illustrations, basic operation / functionality, installation instructions; as well as technical specifications, standards listings, and regulatory compliance references.

Pro Display (front view) —

Ambient Light Sensor (ALS)
Motion Sensor
Dual Microphone
Touchscreen Display
Speaker
Status Indicator (Downcast Light)
Reset Button

Pro Display (back view) —

Backup Battery
Tamper Switch
Micro USB Port (Service Only)
Power Connectors
Reset Button
Status Indicator (Downcast Light)

Operation Overview / User Functionality

The Display Pro works with the Smart Hub. Once the display is installed, paired to the hub, and connected to the network, the user can access system features via its touchscreen interface. The hub monitors and manages all aspects of your integrated smart home system, including security sensors (door/window, motion, etc.), detectors (smoke, CO, etc.), and automation devices (cameras, door locks, etc.). The display provides critical status information, alerts, and activity history; and lets you access video, audio, and emergency features, arm & disarm security, configure and control peripheral devices, and customize the display appearance and behavior.

MAIN FEATURES — WHAT YOU CAN DO WITH THE DISPLAY

- Arm and disarm the security system (Stay & Away Modes)
- Check system status, and view activity history
- Activate alarms with the Panic, Emergency, and Fire buttons
- Talk with Vivint Monitoring Station using two-way talk
- Acknowledge and clear alert notifications
- Add, configure, and control smart home devices and users
- Configure unique display and sound settings

Technical / Hardware Specifications

Vivint Part Number (P/N)	VS-SCRN00-000
Model Number (M/N)	DS01
Display	7" LCD capacitive multi-touch touchscreen; 1024 x 600 (WVGA) resolution; 24-bit color; Typical Luminance: 350cd/m²
System Communication	802.11 a/b/g/n/ac 2x2; DECT; Bluetooth
Audio	Speaker Dual microphones
Downcast Light	RGB security system status
Power (DC)	12V adapter (with detachable cord): - Input: 100-240 VAC 50/60 Hz (max 1.0 A) - Output: 12 VDC 2.0 A
Power (Backup Battery)	Battery: 2110 mAh, 3.8 V Lithium-ion, (provides 24 hours backup when operating in low power mode)
Environmental (Operating Humidity and Temperature Ranges)	The screen 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 longevity, the recommend range is 0°C to 35°C (32°F to 95°F).

Standards Certifications and Listings

FCC	47CFR Part 2.1091; 47CFR Part 15, Subpart B, Class B; Subpart C; Subpart D; and Subpart E
Safety Certification	ETLus Certified
Conforms to UL 985	*Standard for Household Fire Warning System Units*
Conforms to UL 1023	*Standard for Household Burglar-Alarm System Units*
ANSI/SIA CP-01-2019	*Security System Standard – Features for False Alarm Reduction*
FCC ID	2AAAS-DS01

*For complete regulatory compliance information, go to: vivint.com/legal/fcc.

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Installation Instructions Outline

This outline provides a high-level summary of the installation of a Pro Display touchscreen device. The display can be installed on a wall or on a flat surface like a desk or table top. For best results, the display should be as near to the control hub as possible for a strong reliable Wi-Fi connection.

To mount the display on a desk/table top, follow these steps:
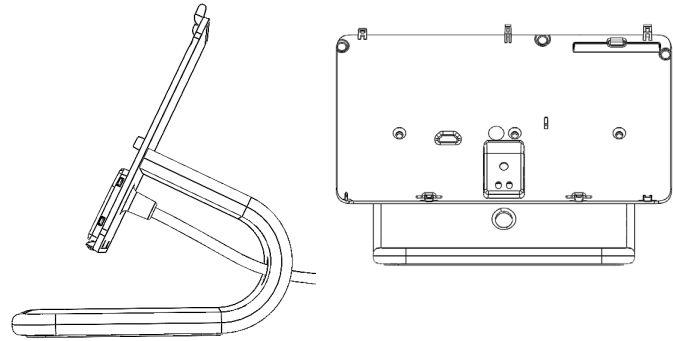**NOTE:** You must have the desktop mount back plate with its built-in power supply.
1. Determine where to install the display. (**NOTE:** Install near an unswitched wall outlet.)
2. Insert the backup battery if it's not already installed.
3. Place the display on the desktop mount back plate. First, noting the location of the clasps, push the display unit flush on to the back plate, then slide the display down so that the clasps hold it securely in place. The power connectors will make contact.
4. Power on the display (initial setup) by plugging the power supply into the outlet. You can now pair the display to the hub and add it to the network. See procedure below.
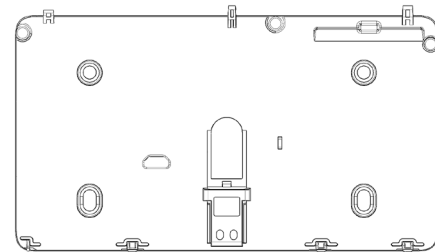
To mount the display on the wall, follow these steps:
1. Determine where to install the display. (**NOTE:** Install near an unswitched wall outlet.)
2. Use the wall mount back plate to mark the screw holes and wiring access hole, and drill the wiring hole. Be careful to not drill through pipes or electrical; and be mindful of distance and obstructions to the hub to ensure a strong Wi-Fi signal.
3. Route the power supply cable from the outlet to the mounting location, and push the wires into the terminal plug on the back plate. You do not need to observe polarity.
4. Attach the back plate to the wall with the provided screws (use anchors if necessary).
5. Insert the backup battery if it's not already installed.
6. Power on the display (initial setup) by plugging the power supply into the outlet. You can now pair the display to the hub and add it to the network. See procedure below.
7. Place the display on the back plate. First, noting the clasps, push the display flush on to the back plate, then slide it down so that the clasps hold it securely in place.

Desktop Mount/Stand Back Plate (side & inside view) —

Wall Mount Back Plate (inside view) —

Pairing the Pro Display to the Smart Hub (Adding it to the Network / System)

Before the display can work with the hub as an interface for the system, you must first pair it as a wireless device to the hub and connect to the local network.
Follow these steps:
1. Power on the display while it's near the hub. After initial setup you can move the display, if necessary, to the desired location.
2. At the Setup screen, press the button icon, and then press and hold the 0 (zero) button on the hub keypad. The LED light bar will flash white indicating AP mode.
3. At the Hub Found screen, press the button icon. Enter the provided PIN at the keypad to connect to the hub, and then select the home/local Wi-Fi network and enter the correct password. The display and hub will communicate network credentials, disconnect from each other, and then both connect to the local network.
4. Once the connection is complete, the display is configured and boots up to the Home screen with full functionality. NOTE: This may take a few minutes.
5. Once the bootup process is complete, the display's Home screen provides system status, monitoring, and interaction with the same functionality as the hub.

Wireless Product Notice

Wireless communications hardware provides reliable communication; however, there are some limitations which must be observed.
- The transmitters are required to comply with all applicable wireless rules and regulations. As such, they have limited transmitter power and limited range.
- Wireless signals may be blocked by radio signals that occur on or near the wireless operating frequencies.

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 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.

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.