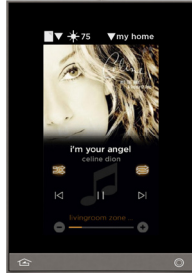




Overview

Vantage's Equinox 41 LCD TouchScreen has been designed to be located in the same space as a traditional keypad, installed in a single gang wall box. Vantage's Equinox 41 uses self discovering widgets, eliminating countless hours of tedious programming. Navigate and control, with real time feedback. Widgets may be further personalized or additional controls setup directly on the touchscreen, by selecting the top right side of each widget and moving to additional screens of control and/or setup preferences. The interface uses intuitive gestures; swipe left and right to change widgets, touch and release for normal button operation, or press and hold for dim-cycle, volume controls, etc.

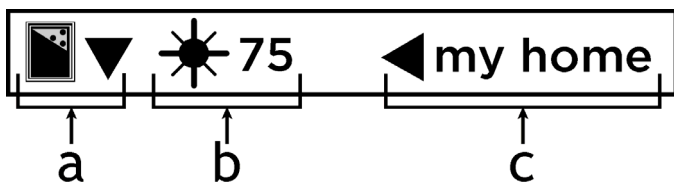


Equinox 41 Features/Operations

- Vertical screen orientation displays *one* widget per page.
- Equinox platform provides built-in widgets using Vantage proprietary auto discovery widgets for fast automatic screen design.
- Equinox 41 incorporates Vantage's *consistent user experience* interface. In-wall touchscreens, tablets and smart phones use the same user interface.
- Power over Ethernet, PoE or PoE+.
 - PoE optional Ethernet 4 Port PoE Injector part number DA2400.
- Communicates over Ethernet, via Vantage Ethernet bus.
- Firmware upgradable over Ethernet from Design Center.
- Built-in ambient light sensor for "Active," AUTO mode screen brightness.
- Built-in proximity activation, 6" maximum, may be programmed to execute a task with a hand wave across front of station.
- Dual operation mechanical buttons, bottom left and right;
 - *left*  navigates to home screen,
 - *right*  may be programmed with a task from Design Center.
- Profiles; show/hide available widgets and other personal settings:
 - Show or hide widgets*, settings are unique to the current profile selected.
 - Create profiles for different areas, users, time of day, etc. in a project.

*NOTE: Available widgets are dependent on system design and drivers used in the Design Center project.

- Top of screen displays:
 - (left-a) icon, touch for vertical ribbon list of widgets.
 - (left-b) icon for current weather conditions and temperature, via Vantage weather service,
 - (right-c) selected profile. Touch to enter *Settings*, select another profile, or select another home.



- Main screen automatically displays Widgets (order may be changed in profile/settings directly from the App).
 - Widgets (based on Design Center project file):

▪ Scenes	▪ Weather	▪ Cameras
▪ Music	▪ Timers	▪ Shades
▪ Video	▪ Lighting	▪ Pool and Spa
▪ Climate	▪ Security	▪ more coming

- Raise/Lower dimmable loads and volume control via *minus / plus (-/+)* graphical buttons.
- Graphical icons and text color track load status; orange = ON and white = OFF.
- Press and release the upper right section on each widget for additional control and/or personalization.
- Access screen settings - touch profile name (upper right).
 - Select Profiles
 - Select Settings
 - Edit Dashboard
 - Edit Options

Supported Languages

Arabic	French	Japanese	Portuguese
German	Hebrew	Korean	Russian
English	Italian	Dutch	Chinese (simplified)
Spanish			

- Edit Device
- Edit Profiles
- Station Reset - simultaneously press and hold both mechanical buttons for about three seconds.
- Station reset into **service mode** - simultaneously press and hold *both* mechanical buttons for 10 seconds.
 - Service mode is automatically used when updating firmware from Design Center.
 - If the application code is corrupt it may cause the screen to lock, preventing Design Center from updating or reloading the firmware. Use this option to reboot the screen to service mode allowing Design Center to update the corrupted firmware.
 - To manually exit *server mode* use the *Station Reset* option (above)

Specifications

Description	Specification
Dimensions, HWD (at wall surface)	4.9" x 3.44" x 0.44" 124mm x 87mm x 11mm
Dimensions, HWD (overall)	4.9" x 3.44" x 1.1" 124mm x 87mm x 28mm
Finished Weight	8.8 oz. or 249.5g
Power	Ethernet with PoE, PoE+, 5W
Wiring Connections	Communication & Power: PoE/PoE+ via Ethernet RJ45
Surge Suppression	Yes
Maximum Gangs	Single Gang Only
LCD Button Status	Automatic (white = off, orange = on)
Mounting	US/European style, single gang, wall boxes or low-voltage brackets
Addressing	Self addressing through software
Finish	• TRIM - Titanium / TOUCHSCREEN - Black Glass
Glass Surface	Chemically Strengthened
Ambient Operating Temperature	32-95° F -or- 0-35° C
Ambient Operating Humidity	5-95% non-condensing
CE/FCC Compliance	Yes

Widgets Overview

For detailed information about all widgets and other *profile* and *settings* screens, click on file link below to load *Widget Instructions*: LINK: [Equinox Widgets_install.pdf](#)

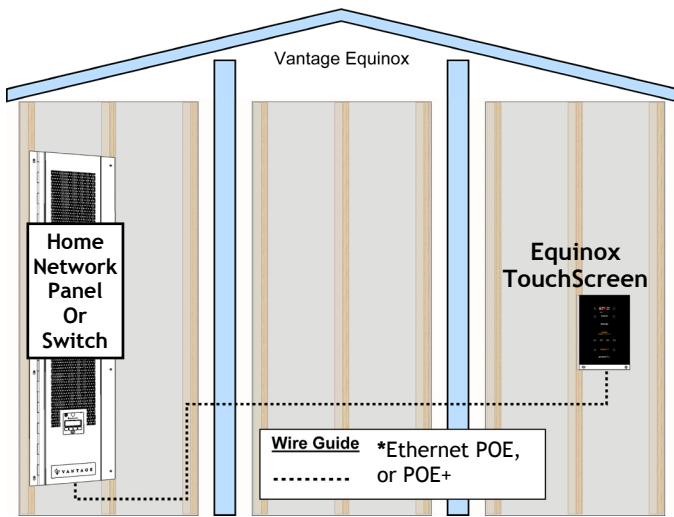
System Requirements

Equinox 41 is compatible with InFusion Design Center version 3.3 software or higher. For new projects it is recommended that firmware and software be kept to the most current release.

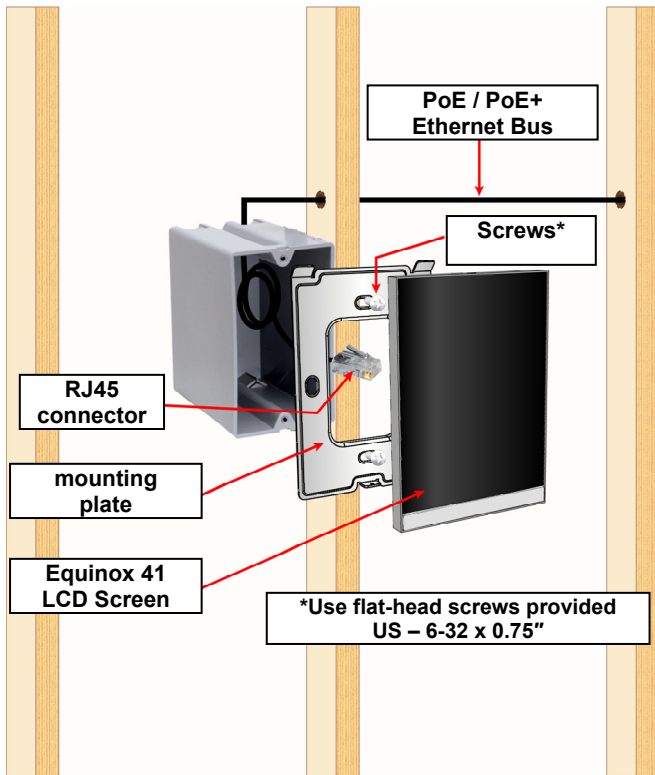
Installation

Installation of Vantage products should be performed or supervised by a *Certified Vantage Installer*. The Vantage Equinox 41 TouchScreen installs into US/European style, single gang, wall boxes or low-voltage brackets. Connect to local network via PoE/PoE+ RJ45 Ethernet connection.

I. Installation Overview



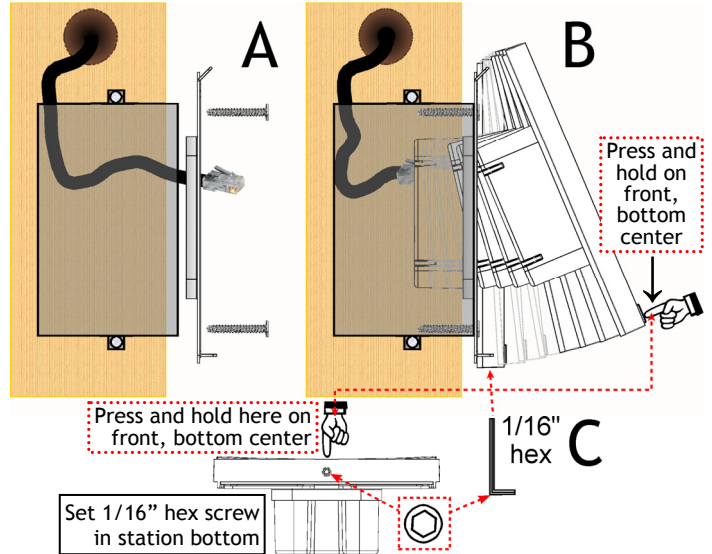
***Ethernet Bus:** Power & communication; Ethernet, PoE or PoE+, (Optional) - Ethernet 4 Port PoE Injector part# DA2400.



Station Install Steps

1. Run PoE Ethernet bus to single-gang box.
2. Install mounting plate **with screws provided** (see A in *Side View Illustration). Do not bend mounting plate
3. Connect RJ45 to station.
4. Install station by rotating (see B in *Side View Illustration) and connecting the top first. Then press station in and hold on bottom center while securing the hex screw with provided allen wrench (see C in *Side View Illustration).

*Side View Illustration:



CAUTION: Do not over tighten the 1/16" hex screw in station bottom. If screw will not go in, the mounting plate may need slightly loosened and/or have a thin spacer inserted between the wall and mounting plate. The wall must be made flat if there is still a problem.

II. Configuration

1. Connect PoE Ethernet bus.
2. Highlight station in Design Center; click *Configure Stations*.
 - a. In *Settings | System Preferences | General Preferences*, Make sure *Exclude Ethernet bus when configuring stations*, is not checked.
3. Station displays *configure mode*, touch to *configure* - tap station.




-OR-

4. The station may also be configured by typing the serial number in the project file. Using this method the station will be configured when the system is programmed.

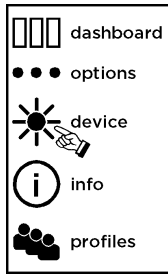
Device & Info Settings

Device Settings are accessed through the *Profile* pages.

NOTE: Changes on the **device** page are specific to the device and are not part of any profile setting.

1.  • Press the profile button, *my home*, upper right, in this example.
2.  • Press the *settings* button on the next screen.
3.  • The first time *settings* is pressed the screen will go to the dashboard edit screen.
• Press *dashboard*, upper left, to open the *settings* menu.

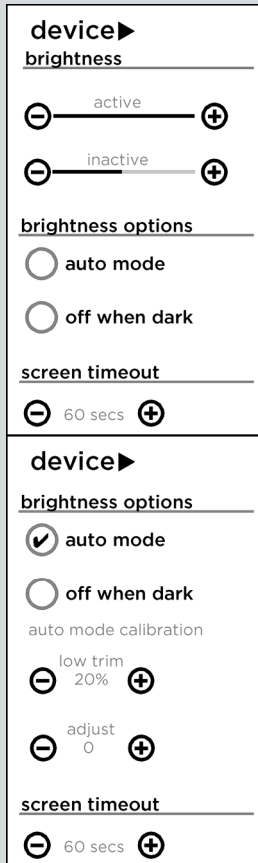
4.



- Select the *device* option from the *settings* menu.

NOTE: The other pages are covered in the *Equinox Widgets_install.pdf* installation sheet and in *Design Center Help*.

5.



NOTE: The first time the controller is programmed, the Equinox 41 device should use the brightness settings specified in the *Equinox Widget Styles* object in Design Center. Subsequent system downloads depend on whether or not the *Read and Restore - Equinox Profiles and User Data* is checked. When checked, it will retain the brightness settings on the device. When unchecked, it will use the brightness settings specified in the *Equinox Widget Styles* object in Design Center.

The *device* screens are accessed by swiping up or down to see all *device* settings.

- *brightness*
 - Press the plus or minus buttons to set the *active* brightness level. The *active* brightness level is used when interacting with the touchscreen.
 - Press the plus or minus buttons to set the *inactive* brightness level. The *inactive* brightness level is used when the touchscreen is not in use and the *screen timeout* setting has expired.
- *brightness options*
 - *auto mode* - uses ambient light to enhance the screen's brightness level in *active* mode.
 - *auto mode calibration* - the settings only appear when *auto mode* is selected.
 - *low trim* - (range 1% to 25%) if screen is too dim when used in a *dark* room, increase the *low trim* setting and conversely when screen is too bright.
 - *adjust* - (range, -5 to +5) if screen is too dim when used in a *moderately lit* room, increase the *adjust* setting and conversely when screen is too bright.
 - *off when dark* - when ambient light is very low and the screen has entered *inactive* mode, the screen's illumination turns off saving power.
 - *screen timeout* - adjusts from 1 to 10 minutes (60 to 600 seconds).

NOTE: Adjustments take a few seconds for the screen brightness to change. This delay action is deliberate to avoid sudden changes in screen brightness.

6.

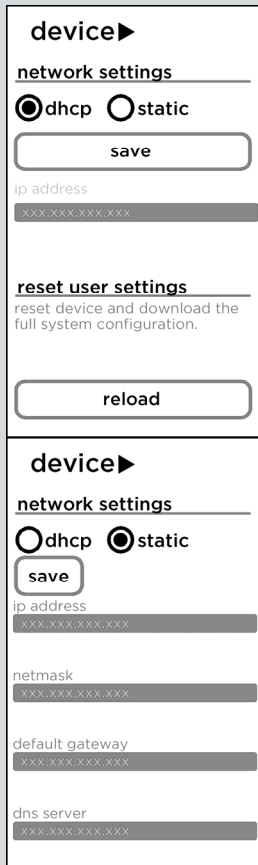


- Scroll down to the next *device* screen for:
 - *security sounder volume* -
 - set security sound level from 0% to 100% - sound is on the *Equinox* security pad display..
 - *multiple homes* -
 - Selecting *multiple homes* allows this device to connect to more than one home.

NOTE: *multiple homes* is covered in Design Center Help.

- *default profile* -
 - When the device is reset, (power outage, etc.) this selects whether the *first* (enabled) *profile* in the profile list or the *last* (enabled) *used profile* is active when the screen boots.

7.



Scroll down to the bottom of *device* screen:

- *network settings* – select dhcp or static*, see below if static is selected.
- *reset user settings / reload*:
 - This will reload, (replace) *all* of the devices information from the controller.

*static:

- *ip address* – xxx.xxx.xxx.xxx
- *netmask* – xxx.xxx.xxx.xxx
- *default gateway* – xxx.xxx.xxx.xxx
- *dns server* – xxx.xxx.xxx.xxx
- Click save when IP information is completed.

8.




Scroll left to the *info* screen:

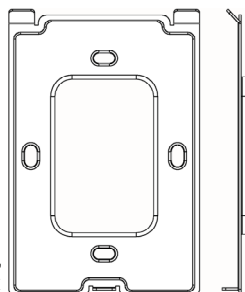
- *device information* –
 - *ip address*: xxx.xxx.xxx.xxx
 - *part number*: xxxxxx
 - *serial number*: xxxxxxxx
 - *app version* – xx.xx.xx (used in diagnostics)
 - *kernel version* – version and date (used in diagnostics)
 - *rootfs version* – xx.xx.xx (used in diagnostics)
 - *up time*: x day(s) x:xx
- *controller info* –
 - *controller ip* – xxx.xxx.xxx.xxx
 - *controller firmware*: x.x.x.x
 - *connection location*: local
 - *connection mode*: multicast

Mounting Plate

Use *flat-head* screws provided to mount the *Mounting Plate*. Do not bend mounting plate.

CAUTION:  Pan-head screws will not allow the station to fit snugly to the wall and may damage electronics. Use screws supplied:

- 2 Each – US: US: VHC-01090-SCREW, 6-32 X 0.75" P-FH, ZINC



Multi-View Line Drawing

