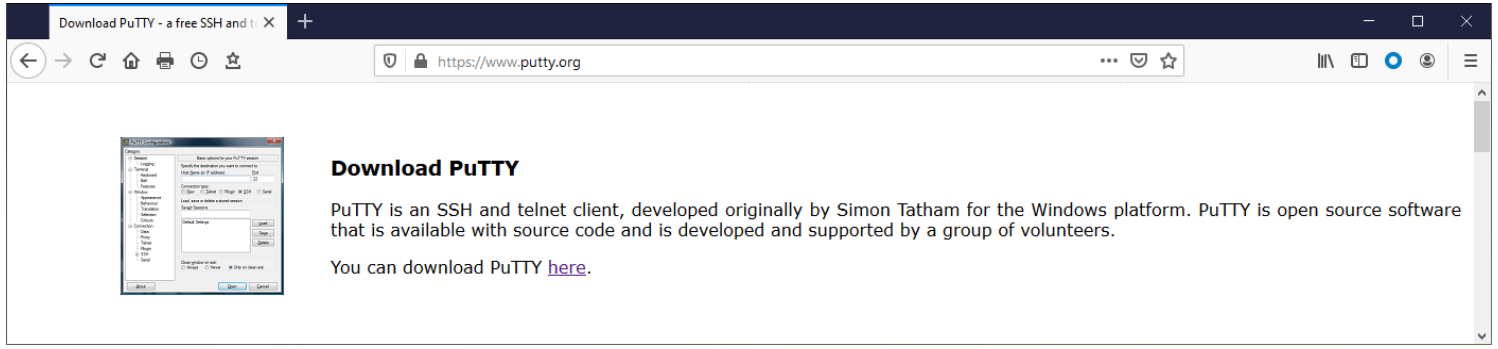
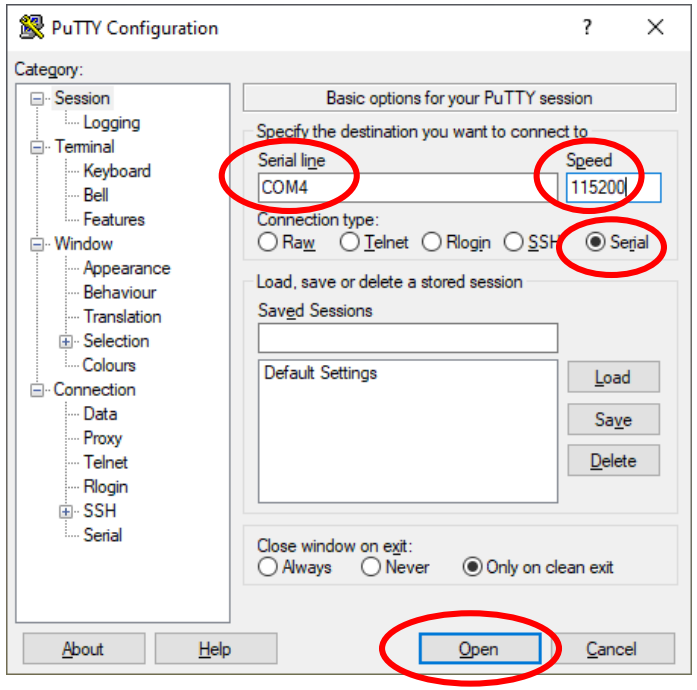
Ademco Vista Panel

Via AD2USB interface to Vera Plus

March 2020



http://www.alarmdecoder.com/wiki/index.php/Panel_Configuration



To figure out which Com port to use on your PC plug in AD2USB while having device manager open on PC and see which port (COM) is added.

Configuring Your AlarmDecoder (**AD2USB**)

You may need to set the AD2 devices mode and address. By default the AD2 device is factory configured for Ademco mode at address 18. If you already have a device at 18 or need to change to DSC mode you will need to change the AD2 settings.

To do this just press ! in your terminal program to configure the AD2. You can press ENTER on any configuration options you a don't want to change and it will keep the current setting.

If you press * into your terminal program your panel should respond as if you hit the same key on your alarms keypad. You will see a message from the AD2 such as this "!Sending.done" if you see "!Sending.....done" and it appears to take a long time for the send operation this probably means that the alarm panel is not recognizing the AD2 or a device conflict exists. Confirm that the AD2 address for Ademco and Partition for DSC is configured on the alarm panel. Also on Ademco make sure no other devices exist at the same address on as the AD2.

The AD2 should display all messages from the alarm panel regardless of programming of the panel provided the mode is set to the correct panel type. If you are not seeing messages after connecting the AD2 to your panel you either have a wiring issue, the AD2 is in the wrong mode for your panel type or you have an SE panel and you have not set your AD2 to address 31.

Example Message from DSC panel in programming mode.
[01111001000000000D--],064,[0002000000000000000011000000000],"Enter Section ---

Smarter Home Control

Mon 9:20:23 AM

- Dashboard
- Devices
- Cameras
- Scenes
- Energy
- Additional Services
- Settings
- Apps
  - My apps
  - Install apps
  - Develop apps
- Users & Account Info
- Logout

My apps

Sercomm IP Camera	*This plugin is automatically available on all controllers and does not need to be manually enabled.*	Details
Amazon Alexa Helper	*This plugin is automatically available on all controllers and does not need to be manually enabled.*	Details
Google Home		Details
Ezlo Cameras		Details
Virtual ON/OFF Switches		Details
Day or Night		Details
Apexis IP Camera		Details
Foscam HD		Details
Honeywell Ademco Vista Alarm Panels via AD2USB		Details

Install this Plug in

Vera
Smarter Home Control

- Dashboard
- Devices
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- Scenes
- Energy
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Welcome

Honeywell Ademco Vista Alarm Panels via AD2USB

Additional Information

App id : 968

Current Version: 3.12

Latest Version 3.12

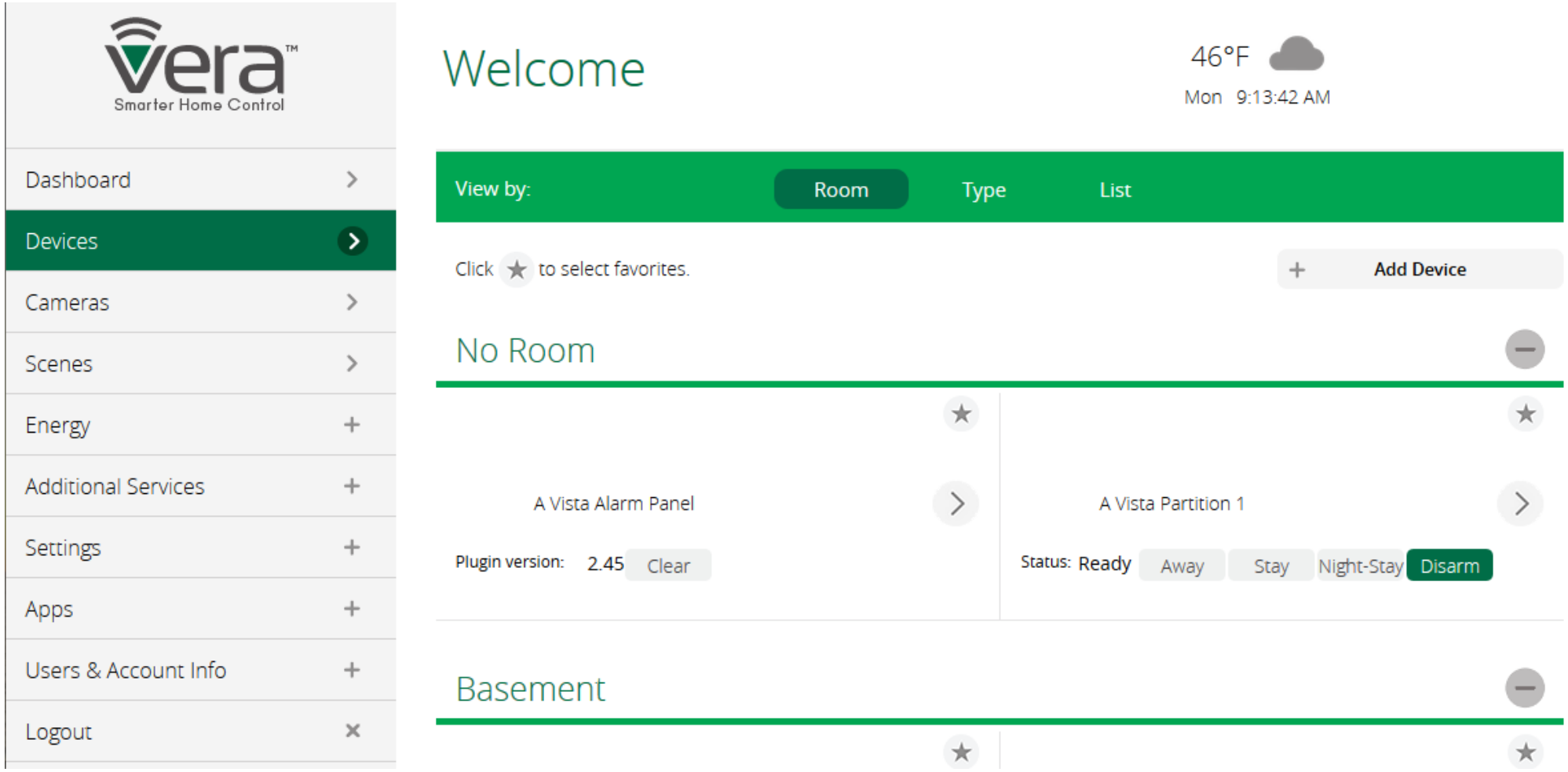
☑ **Auto Update**

This plugin has created the following devices:

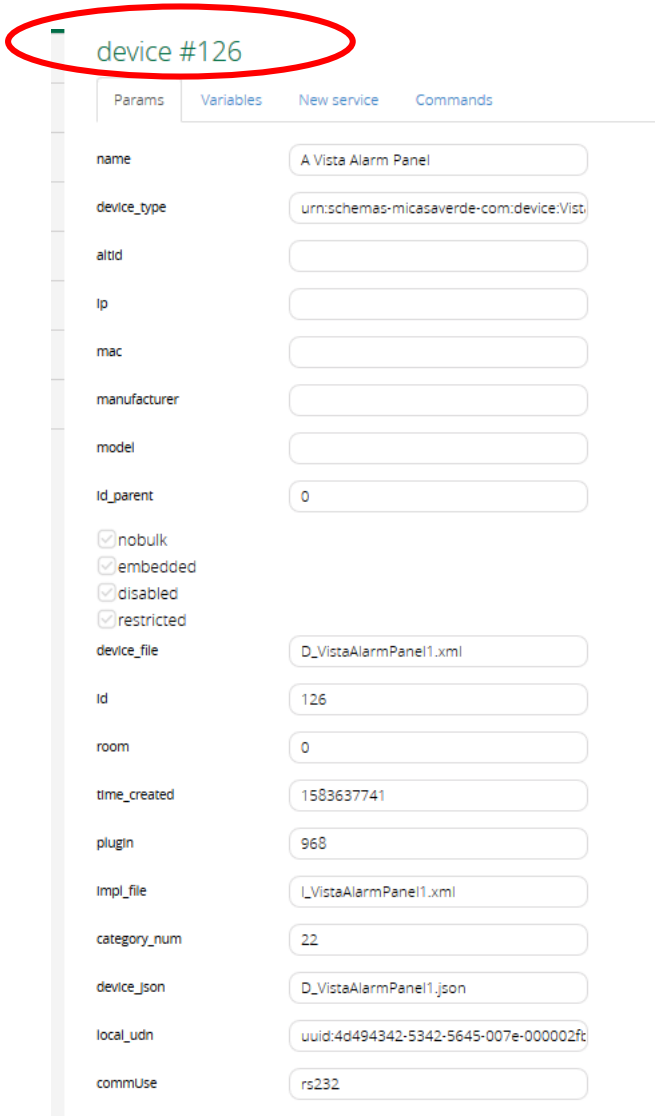
#126 A Vista Alarm Panel

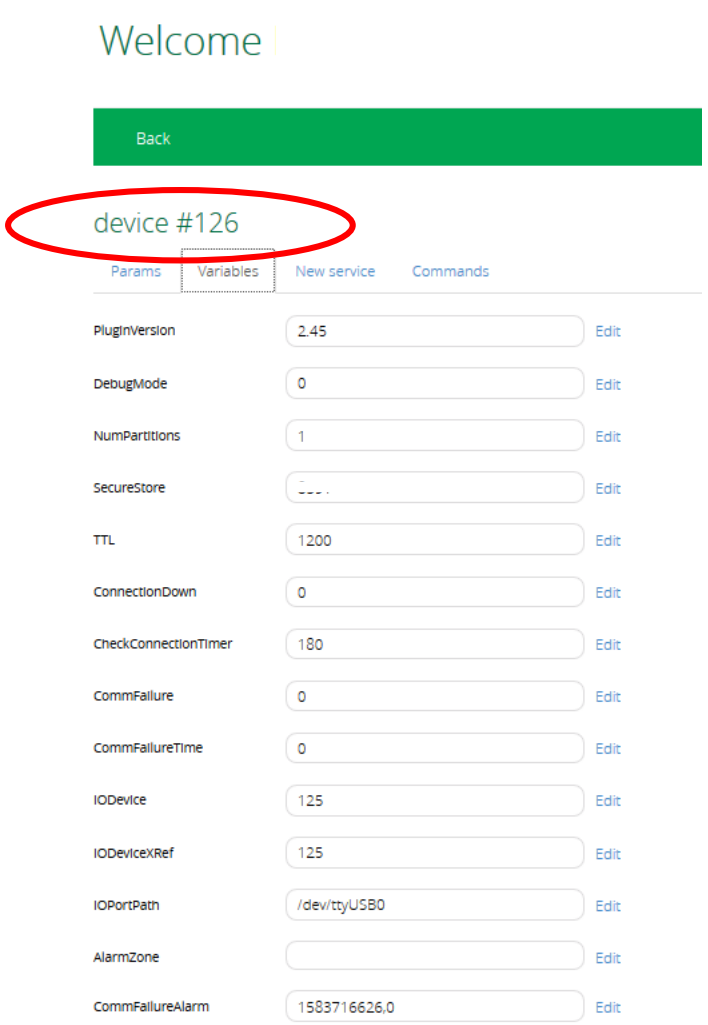
Update App

Help



The AD2USB Plugin installs two devices above. I renamed them (shortened Ademco) since Vera Plus UI7 truncates names (UI5 didn't care).



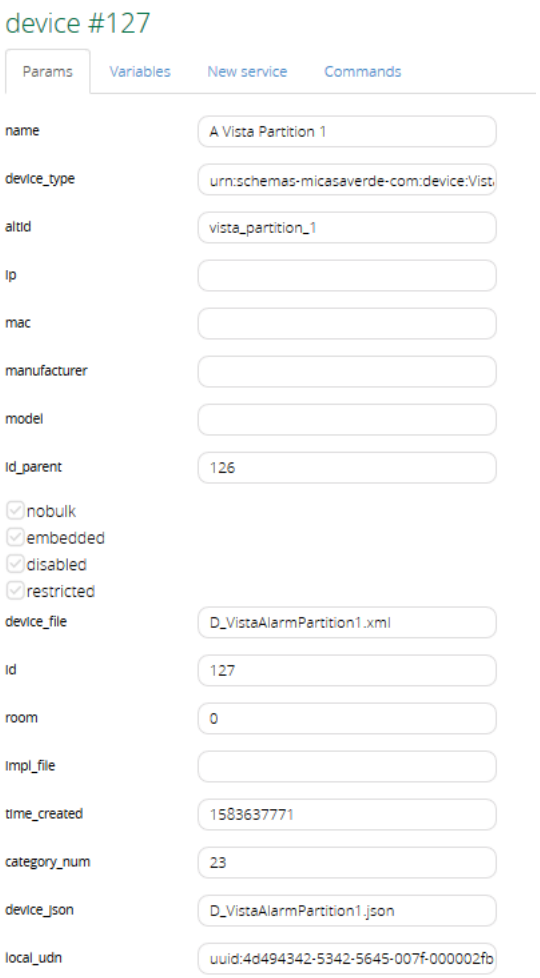


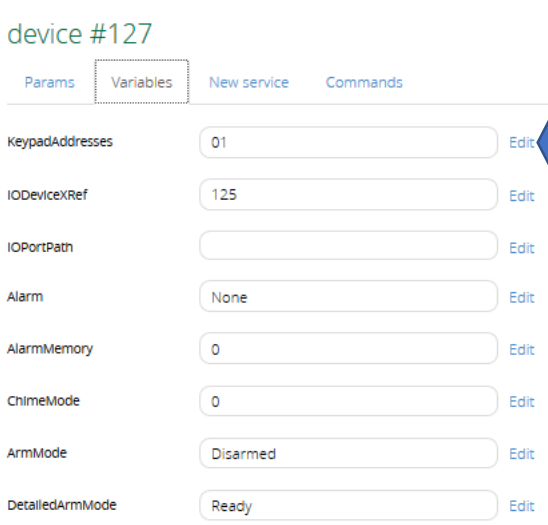
This is the device for the panel

The other is the device for the partition which is most used.

No special settings here.

Make note of device number (red circle) for Luup step later.



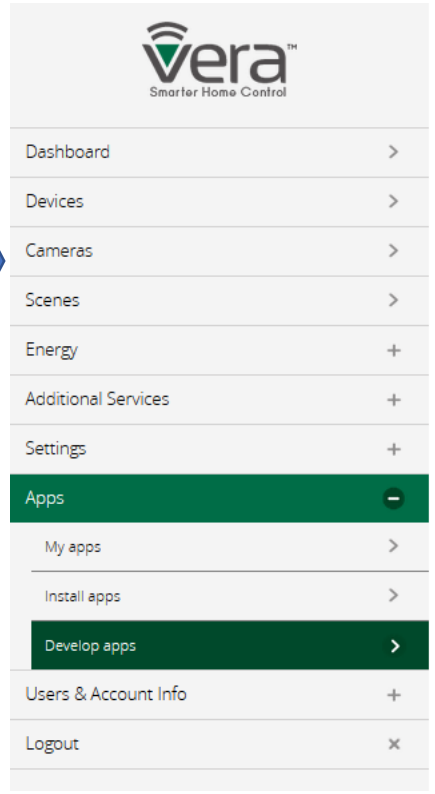


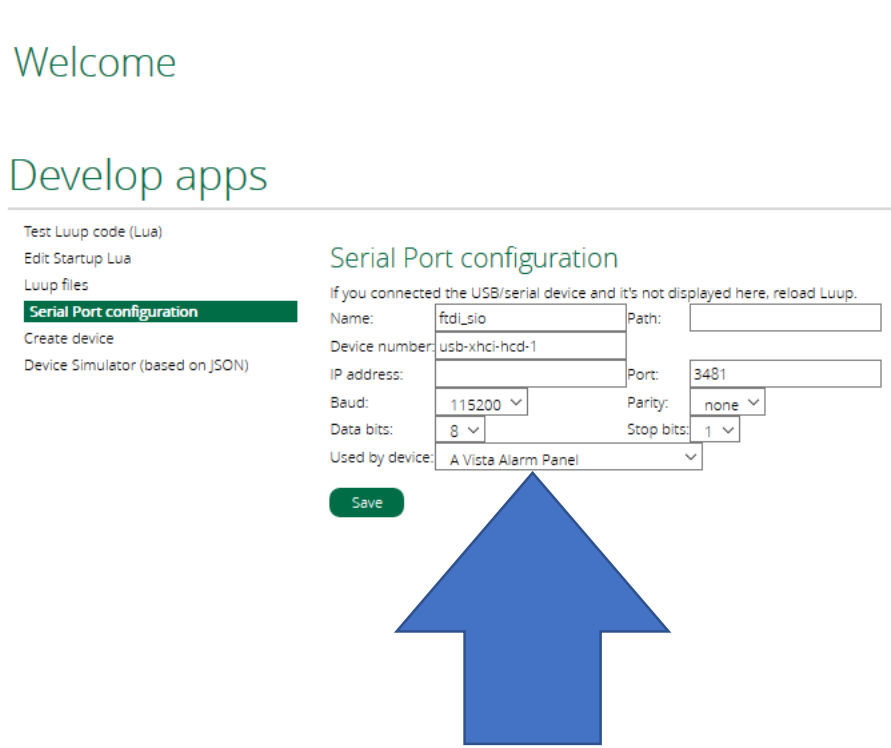
This is the device for the partition

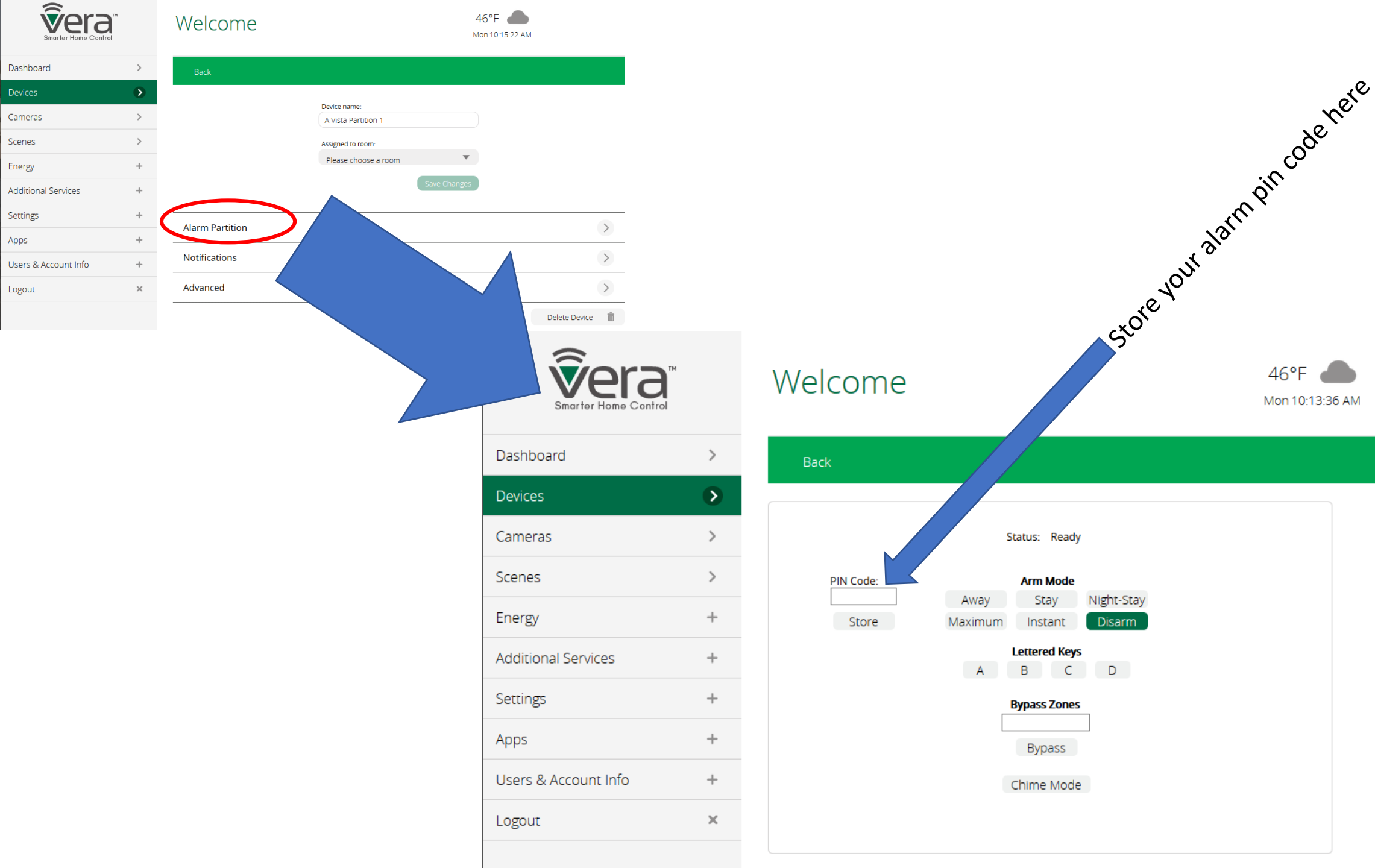
Need to set keypadaddress to match panel setup and AD2USB config. In my case address number 01.

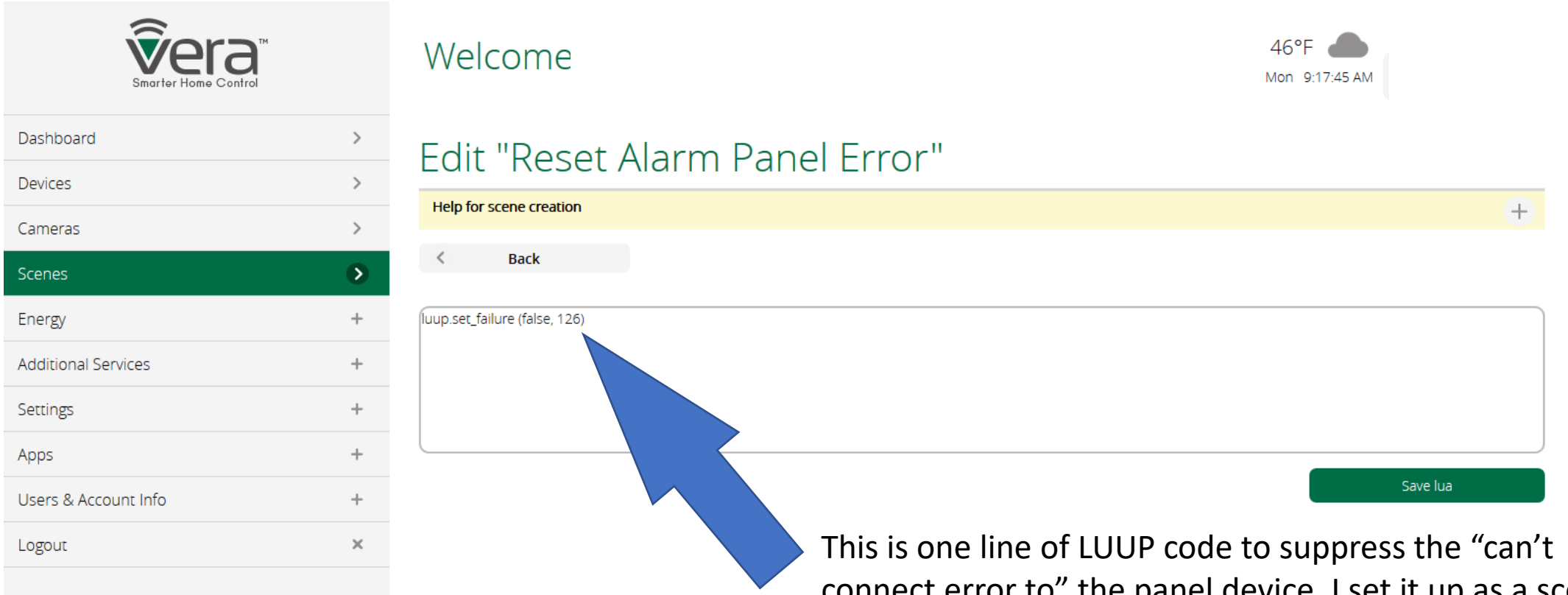
This is the device most used as it is the keypad into the panel.

This is the setup for USB port on Vera to talk to AD2USB. It is used by the panel, **not** the partition.






Vera
Smarter Home Control
Dashboard
Devices
Cameras
Scenes
Energy
Additional Services
Settings
Apps
Users & Account Info
Logout
Welcome
46°F
Mon 10:15:22 AM
Back
Device name:
A Vista Partition 1
Assigned to room:
Please choose a room
Save Changes
Alarm Partition
Notifications
Advanced
Delete Device
Store your alarm pin code here
Welcome
46°F
Mon 10:13:36 AM
Back
Status: Ready
PIN Code:
Store
Arm Mode
Away
Stay
Night-Stay
Maximum
Instant
Disarm
Lettered Keys
A
B
C
D
Bypass Zones
Bypass
Chime Mode



This is one line of LUUP code to suppress the “can’t connect error to” the panel device. I set it up as a scene to be run manually if the error shows up. I suppose you could maybe put it as a startup LUUP but I didn’t try that.

It operates on the panel <u>not</u> the partition or device 126 in my case.