



## Vanguard Line - Newer Vanguard Cameras with older recorders

Newer Vanguard line cameras (from around Mid 2017 and on) do not have a default password and require activation. Newer Vanguard NVRs are able to automatically activate the cameras and put the NVR's password on the cameras.

Older NVRs require manual setup to activate and put a password on the cameras.

**Step 1:** Download and install SADP on your computer (use SCW Easyview on Mac)  
<https://www.security-camera-warehouse.com/security-camera-software/vanguard>

**Step 2:** Once SADP is installed you should show your NVR on the network. This confirms SADP is finding devices correctly.

The screenshot shows the SADP (Security Camera Activation and Discovery Protocol) software interface. At the top left, it indicates 'Total number of online devices: 2'. Below this is a table with the following columns: ID, Device Type, Status, IPv4 Address, Port, Software Version, IPv4 Gateway, HTTP Port, and Device Serial No. Two devices are listed:

ID	Device Type	Status	IPv4 Address	Port	Software Version	IPv4 Gateway	HTTP Port	Device Serial No.
001	VG16P16	Active	192.168.86.39	8000	V3.4.92build 17...	192.168.86.1	80	VG16P16...
002	VG16P16	Active	192.168.86.2...	8000	V3.3.4build 151...	192.168.86.1	80	VG16P16...

On the right side of the interface, there is a 'Modify Network Parameters' panel. It includes checkboxes for 'Enable DHCP' and 'Enable Hik-Connect'. Below these are input fields for: Device Serial No., IP Address, Port, Subnet Mask, Gateway, IPv6 Address, IPv6 Gateway, IPv6 Prefix Length, and HTTP Port. There is also a 'Security Verification' section with an 'Admin Password' field. At the bottom of the panel is a 'Modify' button and a 'Forgot Password' link.

**Step 3:** We will need to access that camera directly - to do this we need access to the internal camera network on the NVR.

We can access this network by connecting the cable in the “LAN” port of the NVR into an open camera port. This will give you access to those cameras on your network to temporarily activate them.

**Step 4:** Find the camera (they will be labeled “Inactive”) and activate it. It will ask you to create a password - the password must be at least 8 digits and include one number.

**Step 5:** Once activated you will be able to change the IP address of the camera.

**Step 6:** We will need to set a manual IP address for each of these cameras that matches the internal LAN of the NVR. By default the internal LAN is 192.168.254.x - you can confirm yours by going to Menu - Configuration - Network and checking the “Internal NIC IPv4 Address”

**Step 7:** Set the IP address to something like 192.168.254.25 - noting which port it is plugged into on the NVR.

**Step 8:** If you have multiple cameras you will have to determine which camera is in which port. You can do this by unplugging each camera and assigning IPs to the cameras one by one.

**Step 9:** Once the IP addresses are set you will want to go to the camera management screen and manually set the port up. Go to Menu - Camera and edit the port by clicking the “Pen and Paper” icon.

Fill in the IP address you used for the camera, the username (should be admin), and the password you set.

Hit Apply

**Step 10:** The camera should connect after that and give you a blue “play” icon. If you are getting a yellow triangle click the triangle to display the error. Double check the password if it displays a password issue or double check to make sure the camera is in the port you are editing on the NVR.

For any issues or help setting this up call us at 866-414-2553 and option 2 for support.