



AVIGILON NVR5-VAL-ANK Analytics Kit for NVR5 Value User Guide

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AVIGILON™

AVIGILON NVR5-VAL-ANK Analytics Kit for NVR5 Value



Product Information: Analytics Kit (NVR5-VAL-ANK and NVR5-VAL-ANK-PLUS)

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Introduction

Install the Analytics Kit for NVR5 Value recorders (NVR5-VAL-ANK and NVR5-VAL-ANK-PLUS) to use the Avigilon Control Center (ACC™) video analytics features.

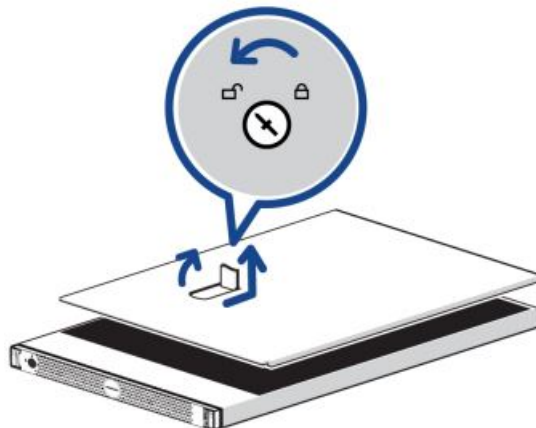
Installation of the Analytics Kit is a four-step procedure:

The Analytics Kit is designed for NVR5 Value recorders (NVR5-VAL-ANK and NVR5-VAL-ANK-PLUS) to enable the use of Avigilon Control Center (ACC) video analytics features. The installation of the Analytics Kit involves a four-step procedure:

1. Install the physical kit into the device.
2. Run the Configuration Tool for the Analytics Kit.
3. Install the latest version of the ACC software used at your site.

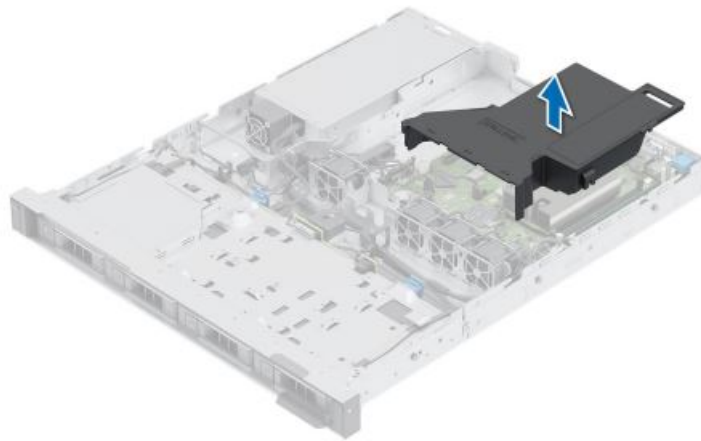
Product Usage: Installing the Analytics Kit into the NVR5-VAL

1. Ensure that the recorder is turned off and all network, power, and peripheral cables are disconnected from the recorder. Use an anti-static mat or static strap to ground yourself against static shock.
2. At the top of the recorder, unlock the latch release and lift and rotate the latch towards the back of the recorder to slide back and release the cover from the recorder body.

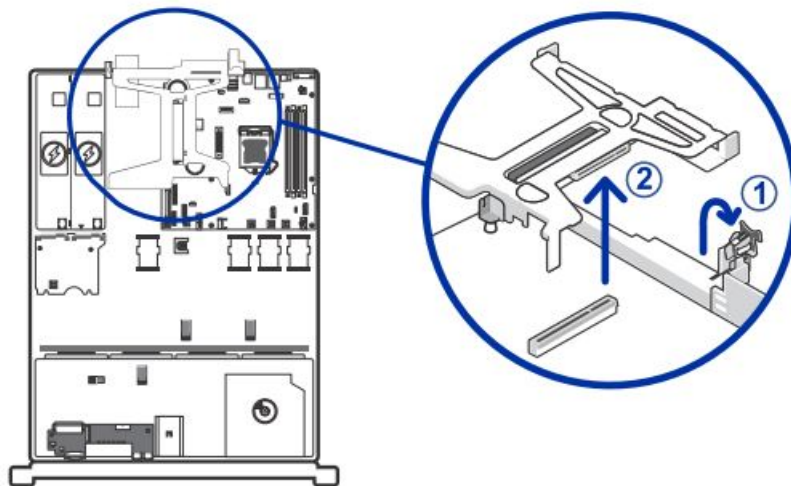


Inside the recorder, be cautious of cables from the RAID controller (PERC) that may obstruct access to the expansion card riser. Install the analytics kit without disconnecting the cable, taking care not to pull or strain the PERC cable during installation.

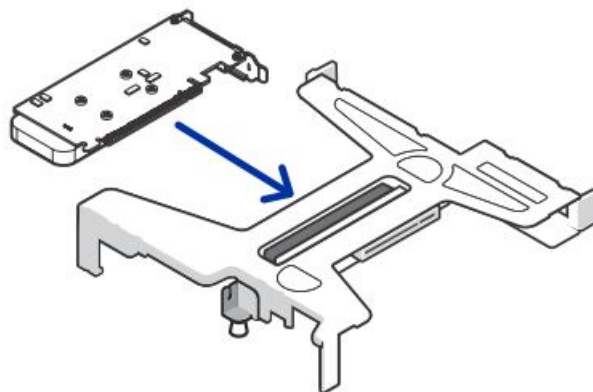
3. Hold the air shroud from both sides and lift it out of the recorder.



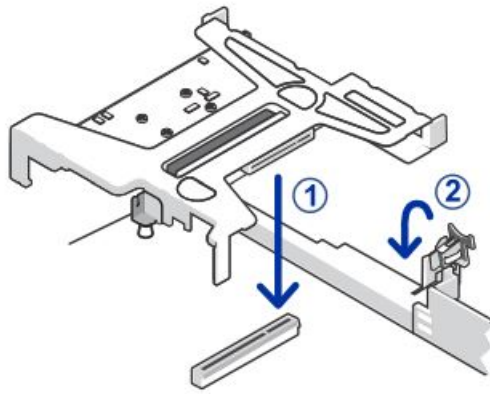
4. At the back of the recorder, locate the expansion card riser.



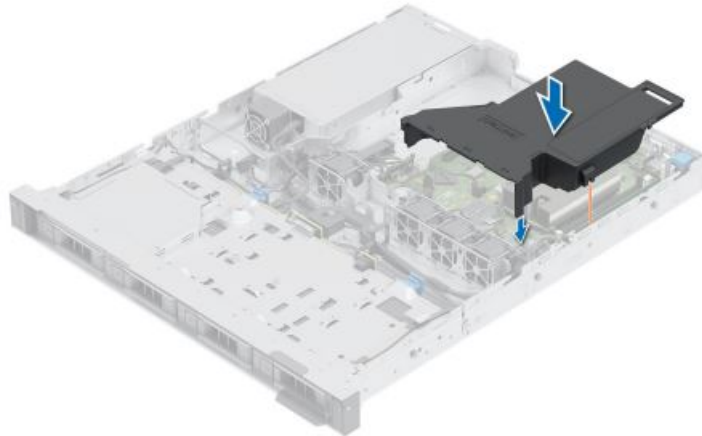
5. Lift and rotate the expansion card latch to open it.
6. Lift up the expansion card riser from the riser connector, ensuring not to disturb the cable connected to the existing PERCcard in slot 1.
7. Insert and press the NVR Analytics Kit into the appropriate expansion riser slot.



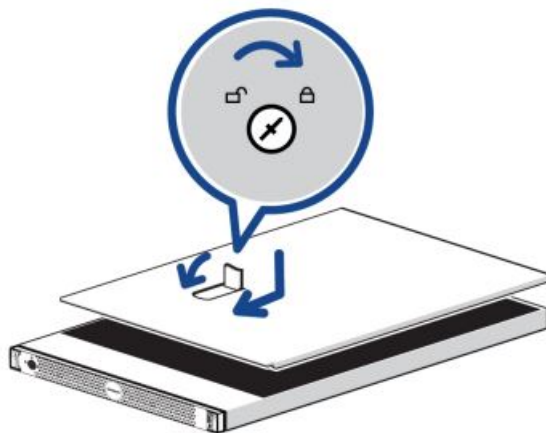
8. Push the expansion card riser back into place and close the expansion card latch.



9. Align the slot on the air shroud with the standoff on the recorder. Then lower the air shroud until it is firmly seated in place.



10. Close and lock the recorder cover.



11. Reconnect all the cables and turn on the recorder.
12. Proceed to install the required Windows driver for the NVRAnalytics Kit. Refer to “Updating the Windows OS Driver and Configuring the NVR” section for further instructions.

Product Usage: Updating the Windows OS Driver and Configuring the NVR

You must reconfigure the GPU before installing the ACC Analytics Service software. It is recommended to download the latest GPU drivers from NVIDIA’s website. After it is installed, Avigilon Analytics functionality will be automatically configured on the NVR to operate with the Avigilon Control Center software.

1. Download the latest GPU drivers from NVIDIA’s website and update the driver software for the version of the Windows operating system on your NVR.
2. Navigate to the GPU Configuration Tool located at: C:\Avigilon3rdPartyInstallers\GPU Configuration Tool
3. Right-click on GPU Configuration Tool.exe and select “Run as administrator”. Allow the Configuration Tool to run


and finish. You will see several processing messages as the system is reconfigured for the new GPU provided with the Analytics Kit. The process takes under ten minutes. After completion, the NVR will automatically restart.

After the Analytics Kit has been installed and configured, you can download, install and run the latest version of the Avigilon Control Center software.

Limited Warranty

Avigilon warranty terms for this product are provided at avigilon.com/warranty.

Documents / Resources

 Analytics Kit NVR5-VAL-ANK NVR5-VAL-ANK-PLUS NVR5-VAL-ANK-PLUS-PLUS	AVIGILON NVR5-VAL-ANK Analytics Kit for NVR5 Value [pdf] User Guide NVR5-VAL-ANK, NVR5-VAL-ANK-PLUS, NVR5-VAL-ANK Analytics Kit for NVR5 Value, Analytics Kit for NVR5 Value, NVR5-VAL-ANK Analytics Kit, Analytics Kit
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References

- [▲ End-to-End Security Solutions | Avigilon \(Openpath & Ava\)](#)
- [▲ All Brands Limited Warranty & Product Policies](#)