



# Dahua NVR Ecosystem

Creating a More Open and Smarter Ecosystem

## — NVR DHOP —

### • DHOP Overview

The Dahua Hardware Open Platform is an open application platform that allows third party applications to be downloaded and installed on Dahua products. It enables end-users to determine the right solutions to optimize their security or IoT environment. Flexibility is guaranteed as you can always remove the existing application and upload new solutions.



#### Basic Service



Utilize the basic capabilities of the device through standardized interfaces which includes YUV, audio and video stream processing, codec capacity, event linkage, storage, system setting, etc.

#### Algorithm Service



Utilize the AI capabilities of devices through standardized interfaces, which provides model transformation, memory management, image processing, network reasoning and more.

#### User Interface



Provide UI-layer interface, which supports customers in using third party open source framework to design customized UI.

#### Support Service



Offer developer support services for compilation environment, packaging environment, license tools, batch installation and upgrading tools.

### • NVR DHOP Client

- Special requirement of local government for certain projects
- Algorithm partners without hardware
- Algorithms that Dahua doesn't have
- Algorithms with higher accuracy than Dahua
- Other applications or cloud



- The partners want to customize the GUI of the NVR with its own style and brand
- Other customization requests

### • NVR DHOP Advantages

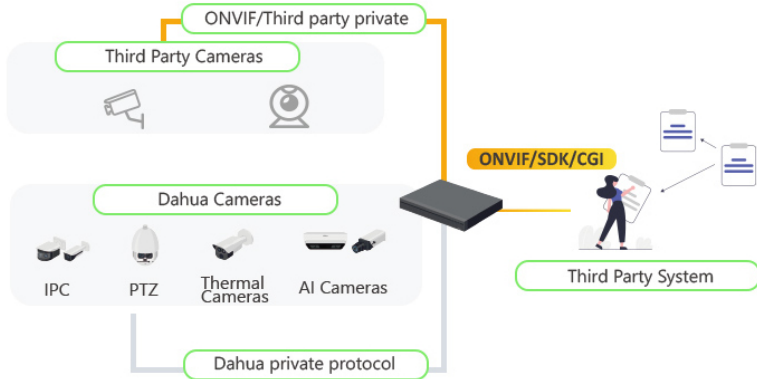


**Flexibility**--End users can select the algorithm or applications that they want to upload on our NVR, allowing them to develop for every platform.

- Safety Guarantee**--The data from storage or transmission is encrypted to protect customers' interests. The APP is verified legally by licenses and certifications.
- Quality Guarantee**--Our products are fully in line with Dahua's quality. Stable and reliable components are utilized and supply chain are utilized.
- Strong Support**--Our R&D team is professional and has rich experience in DHOP. They provide continuous support in the whole process including development, sample dispatch, testing, verification, and installation guidance.

• **Multi Integration Protocols**

Protocols are the bridges between the third party system and our products. They are very helpful and convenient for customers, allowing them to freely connect with their own system.



— **Access for Third Party Alarm and VMS Manufacturers** —

Alarm Manufacturers	Third Party Platform	Third Party VMS
		<b>VMS</b>

\* Requests for other alarm/VMS manufacturers can also be customized on our NVR

— **Recommended Products** —

NVR4000-4KS2/L	NVR5000-4KS2	NVR5000-I	NVR600-4KS2