

To make use of the ONVIF GetDeviceInformation API to connect to the camera and retrieve device information, you will need to follow these steps:

1. Determine the camera's IP address: You will need to know the IP address of the camera you want to connect to. This can usually be obtained from the camera's documentation or configuration settings.
2. Create the SOAP request: The GetDeviceInformation API is a SOAP-based API, so you will need to create a SOAP request to send to the camera. The SOAP request will include the necessary headers and body to specify the action and any required parameters.
3. Send the SOAP request: Once you have created the SOAP request, you will need to send it to the camera's IP address. You can use a tool or library that supports SOAP requests, such as Postman or a programming language with SOAP support.
4. Parse the SOAP response: After sending the SOAP request, you will receive a SOAP response from the camera. Parse the response to extract the device information, including the manufacturer, model, firmware version, and serial number.

It's worth noting that the exact method and syntax for making the SOAP request may vary depending on the programming language or tool you are using. Make sure to refer to the specific documentation for the SOAP library or tool you are using to properly construct and send the SOAP request.