**SDK <win\_demo> Usage Instructions**

# Purpose of writing

It is easier for customers to use the SDK client and SDK interface for instructions.

# Perform common operations

SDK client project directory and file address: win\_demo\_codes\src\sdk\_client.sln

SDK client directory: win\_demo\sdk\_client.exe

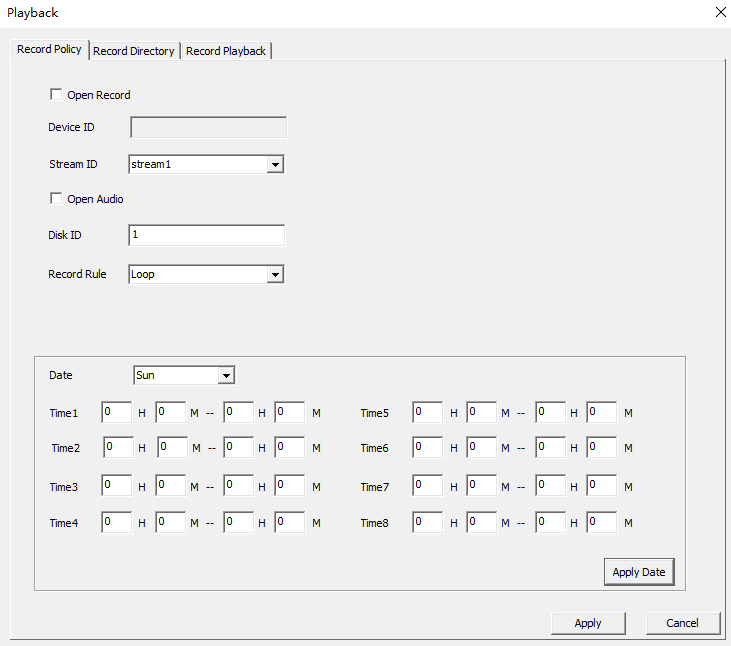
Users can open the client program through the client directory to directly use the client, or use VS to open the project of SDK client through the project directory of the client. In the project, you can see the corresponding interface that the client calls SDK, which is also a test of the use of SDK interface.

## Main user interface



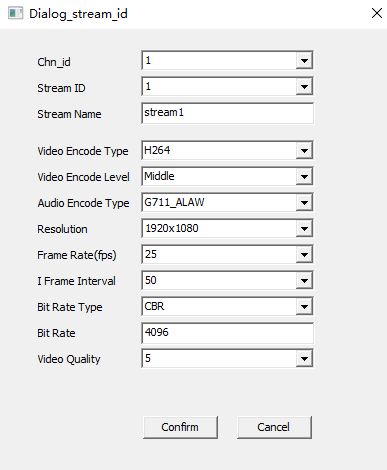
The main screen displays the login connection, real-time video playing, recording, capture, PTZ, playback, and parameter configuration screen. It is worth noting that the recording and capture addresses should follow the requirements of SDKS\_DEV\_OPEN\_REC and SDKS\_GET\_SNAP\_PICTURE interfaces for input parameters.

## Playback



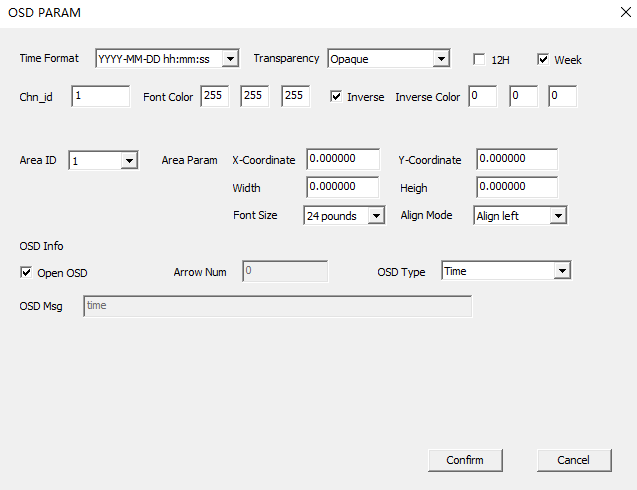
Click the playback button to pop up the playback screen, which includes video policies (including Settings such as video switch and time), video configurations (including operations on disks), and video playback (query playback records).

## Video parameter configuration



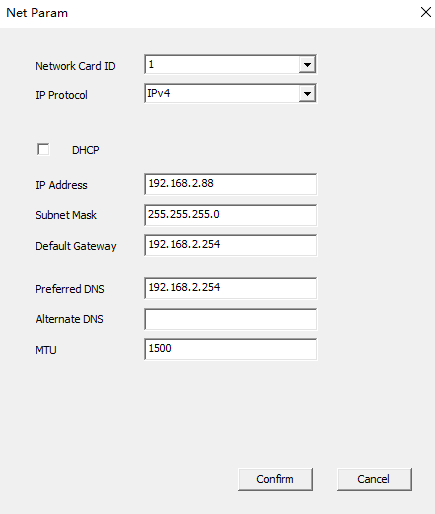
Click the video parameter configuration button to display the video configuration interface, which is used to query and configure video parameters of the device.

## OSD parameter configuration



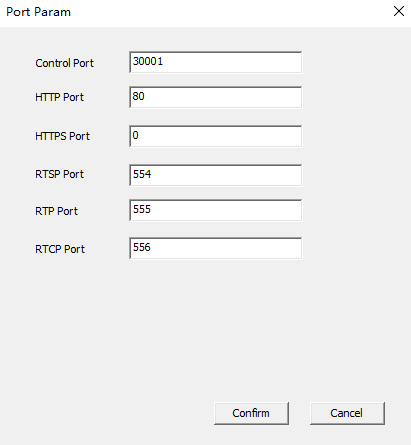
Click the OSD parameter configuration button to display the OSD parameter configuration interface. The OSD parameter configuration interface is used to query and configure OSD parameters.

## Network parameter configuration



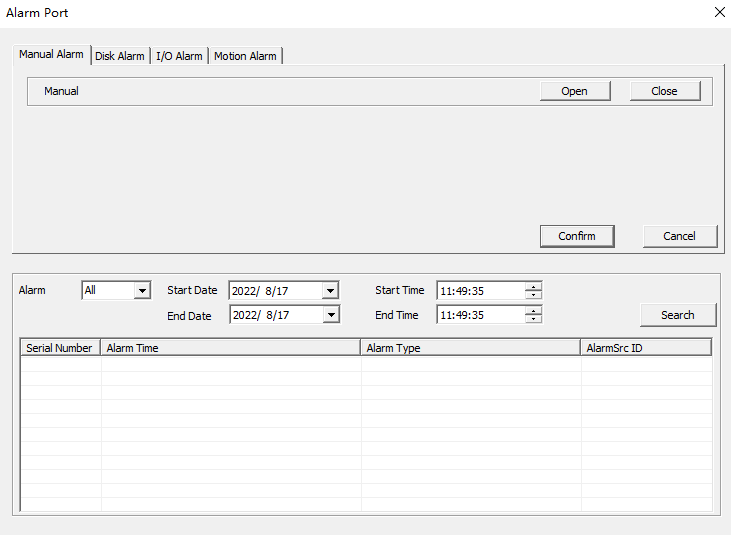
Click the Network parameter configuration button to display the network parameter configuration interface, which is used to query and configure the network parameters of the device.

## Port parameter configuration



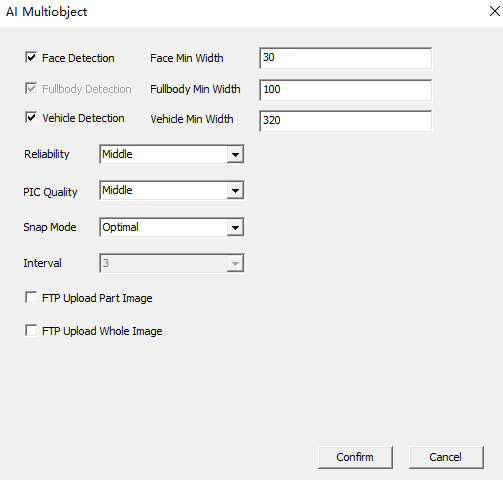
Click the port parameter configuration button to display the network port parameter configuration interface, which is used to query and configure network port parameters of the device.

## Alarm parameter configuration



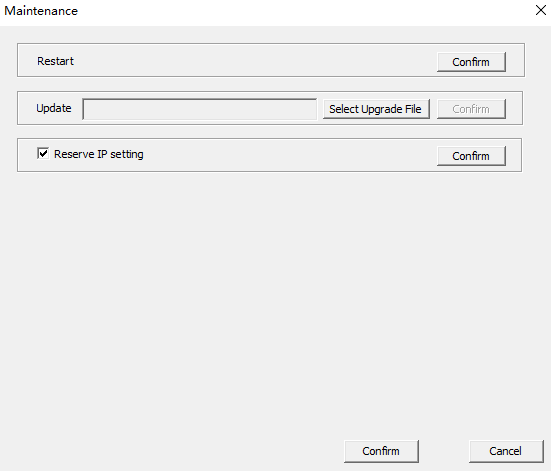
Click the alarm parameter configuration button to pop up the alarm parameter configuration interface. Alarm parameter configuration includes manual alarm parameter configuration, disk alarm parameter query and configuration, I/O alarm parameter query and configuration, motion detection alarm parameter configuration, and alarm query function.

## Multi-objective parameter configuration



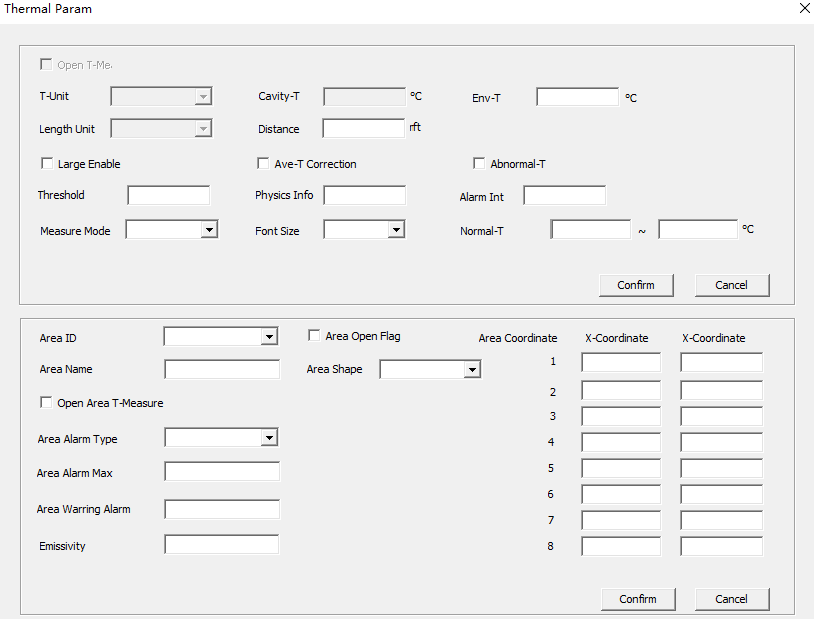
Click the multi-objective parameter configuration button to pop up the multi-objective parameter configuration interface, which is for the query and configuration of multi-objective parameters.

## Device maintenance



Click the device maintenance button to pop up the device maintenance interface. Currently, the functions of the device maintenance interface include device restart and upgrade.

## Thermal imaging parameter configuration



Click the thermal imaging parameter configuration button to pop up the thermal imaging parameter configuration interface. The thermal imaging parameter configuration interface is to obtain and set the thermal imaging parameters of the device, as well as to obtain and configure the thermal imaging detection area.