

# Intelligent Viewdata Computing Operation Guide



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# Operation Guide

## AI Service Usage Guide

Last updated: 2024-08-05 17:32:08

### Overview

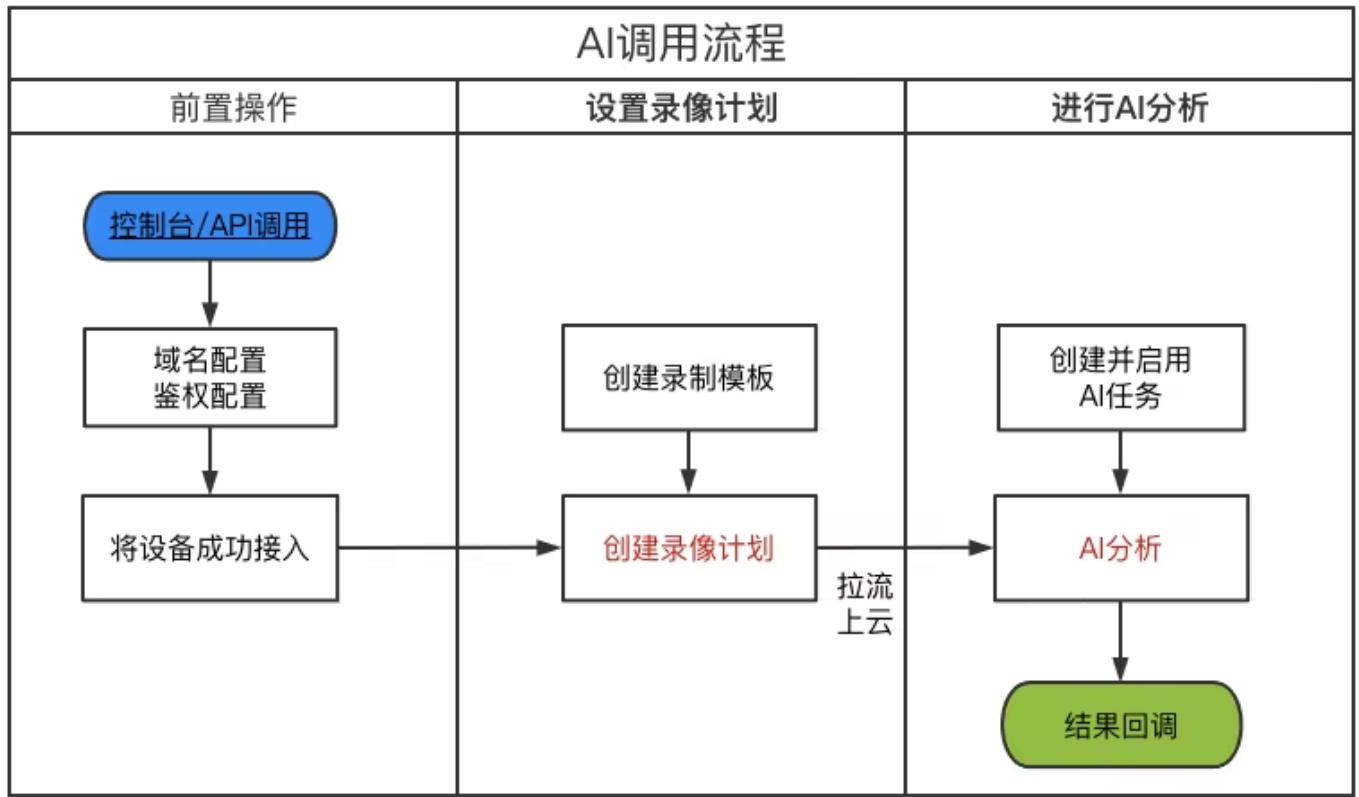
For data migrating to the cloud, we provide AI analysis services (**Currently, only API calls are supported, and algorithm applications will be launched soon**).

#### Note:

Factors such as the capture angle of the camera and the clarity of the image will affect the accuracy of the algorithm. If you have any issues or other requirements, you can [contact us](#), and our professional algorithm team will provide services.

### Getting Started

1. Create and start the AI analysis task.
2. AI analysis relies on the video recording plan feature, you need to set up a [video recording plan](#) first to achieve data stream pulling to the cloud and trigger AI analysis tasks.
3. After the task is started, it will capture frames from the video stream in High Definition, then analyze the captured image, and finally generate results and send callback notifications.



## Capability and Billing Explanation

The AI visual algorithms currently available for sale are listed below, and more types and varieties of algorithm capabilities will be launched soon. We charge based on the number of successful processing instances of the algorithms, **if a captured frame image calls multiple algorithms for multiple processing instances, the charges will be based on (number of algorithms called x the number of successful processing instances for each); screenshots will be charged based on the specific frequency of frame captures.**

### ⓘ Note:

Default postpaid billing based on usage, settled daily, for pricing details see [AI Recognition Service Fees](#); you also have the option to pre-purchase algorithm resources at a discounted rate for usage deduction, see [IVC Purchase Page](#).

The introduction of the algorithm and capabilities is as follows:

Algorithm Types	Description	Remarks
Human Recognition	Capable of recognizing the position (rectangle frame), number, and confidence of people in the picture	Able to recognize various human postures, including but not limited to standing, sitting, running, side posture, and partially obscured

		(less than 50% obscured) situations
Pet Recognition	Capable of recognizing the position (rectangle frame) of cats and dogs in the picture, cat and dog categories, and confidence levels	Does not support recognition of cat and dog facial features, nose prints, etc
Vehicle and license plate recognition	Capable of recognizing the type of motor vehicles in Chinese mainland, vehicle brands, vehicle series (sub-brands), model year, body color, vehicle coordinate information, license plate type, license plate color, license plate number, license plate coordinate information, and 10 other attributes along with their confidence levels	Does not support recognition of vehicle rear direction, vehicle ornaments, using mobile phone, or not wearing a seatbelt
Mask recognition	Capable of recognizing whether people in the picture are wearing masks, such as common disposable medical masks or other styles of masks	Does not support recognizing transparent masks (e.g., made of acrylic material)
Chef's hat recognition	This algorithm can recognize whether people in the picture are wearing chef's hats, such as common white brimless chef's hats, other styles (high-top, etc.), and colors (gray, etc.) of chef's hats.	-
Chef's uniform recognition	Capable of recognizing whether people in the picture are wearing chef's work uniforms, such as common white chef's uniforms, black chef's uniforms, etc	-
Smoking recognition	This algorithm can recognize smoking behavior in the picture, such as common cigarettes, pipes, e-cigarettes, etc	-
Phone call	Can recognize actions such as using mobile phone and answering calls in the picture	Currently does not support recognition of phone calls using Bluetooth headphones

recogniti  
on

## Notes

- The AI Interface is a multi-algorithm integration interface, offering **AI analysis and screenshot features**. All communication is via HTTPS and requires authentication identity. For details, see [AI Analysis Related Interfaces](#).
- A single AI Task can add up to 1000 video channels; AI Analysis frame capture frequency can be set between 1 to 20 seconds; each algorithm can set up to 5 time periods (for overlapping time periods, we will ultimately use the union time period for analysis).

# View Access Gateway User Guide

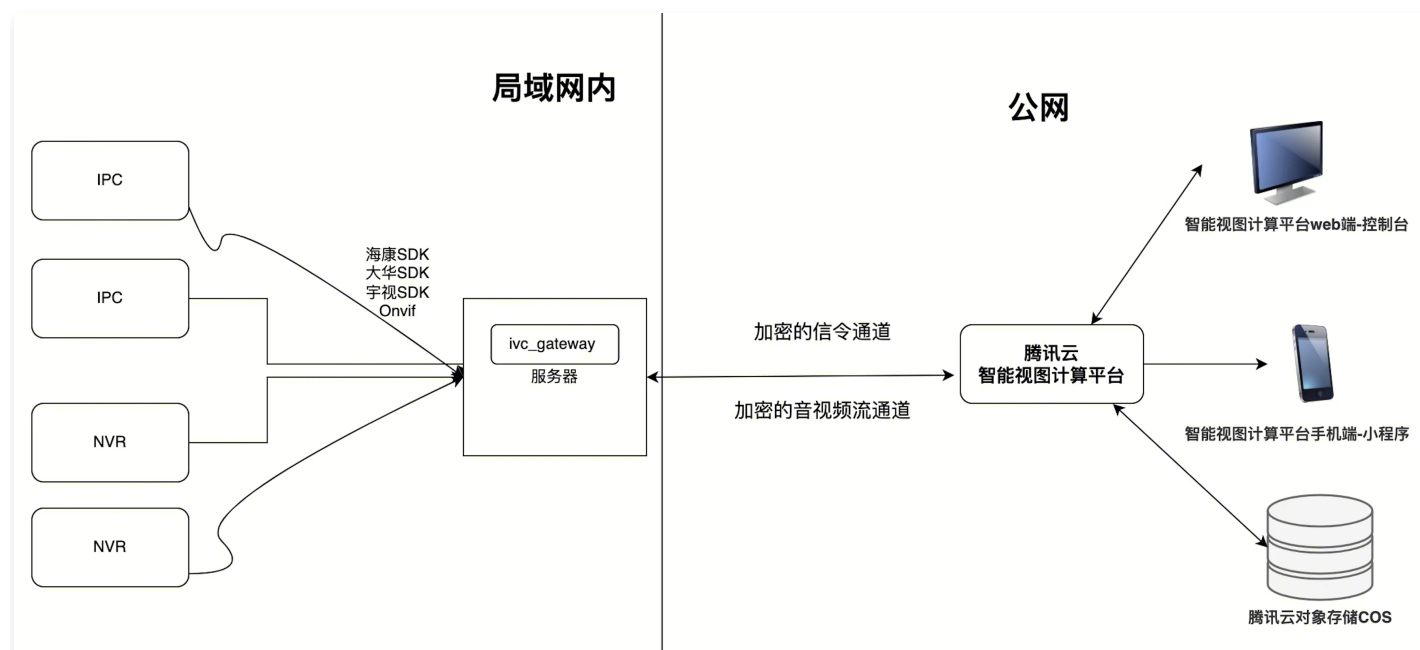
Last updated: 2024-08-05 17:32:45

## Overview

In reality, customers' devices are from various brands, scattered across different areas, and lack professional operation and maintenance, making it impossible to configure each device individually. Additionally, there are higher security requirements for data to be uploaded to the cloud. To address these issues, we have introduced the **View Access Gateway (Software)**. It plays a crucial role in product access at the edge end.

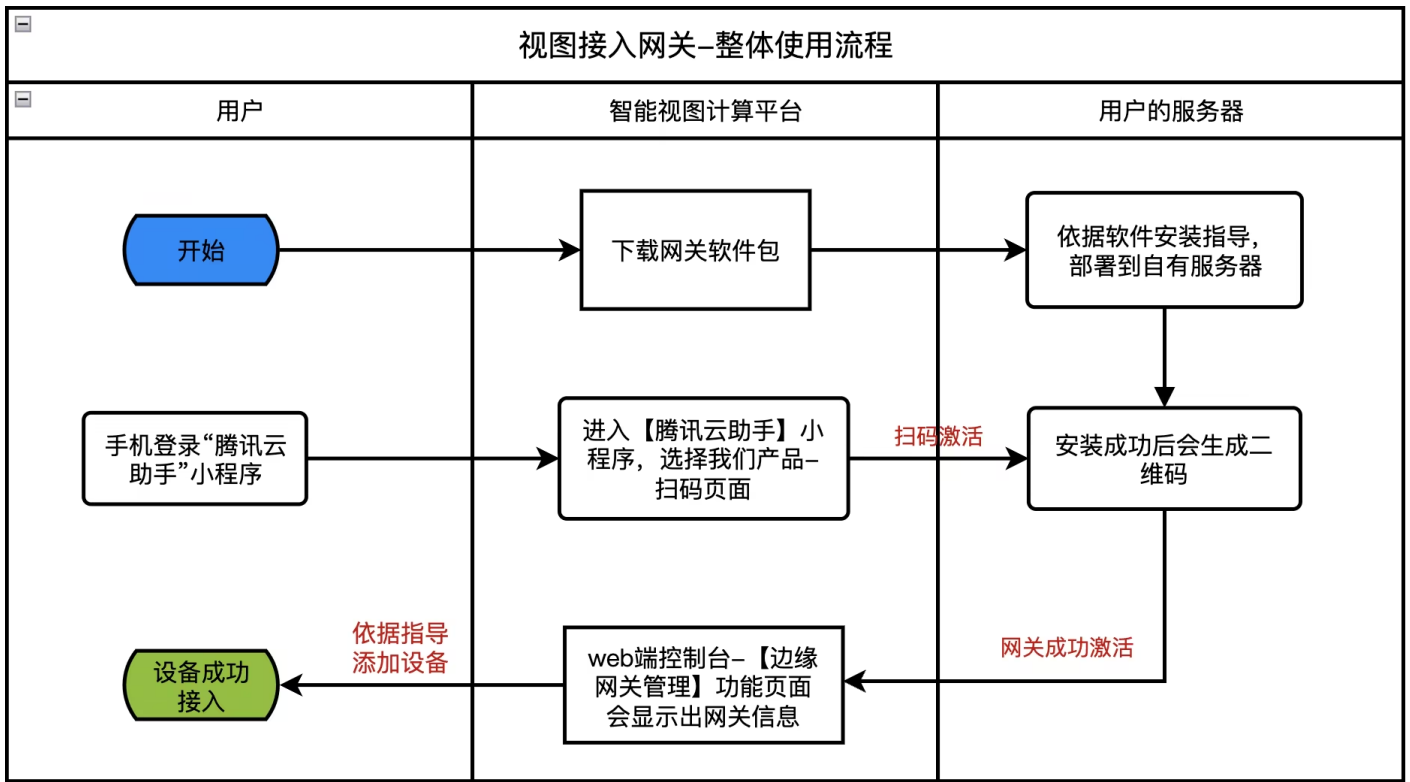
## Product Value

- Quickly connect multiple brand devices within the LAN without manual configuration—currently, it is built-in with major vendor access SDKs such as Hikvision SDK, Dahua SDK, Yuviview SDK, and also supports Onvif protocol access (which allows most brand devices to connect).
- Stream Conversion—convert the RTSP protocol stream of the device to RTMPS protocol stream to the cloud.
- Traffic Monitoring, device management, and remote operation and maintenance.
- Secure encryption for cloud upload.
- Compatible with most IPC/NVR/DVR products on the market.



## Getting Started

The overall usage process is shown in the diagram below. If you need gateway usage and billing consultation, you can [contact us](#), and we will provide professional services. Based on your hardware deployment, our software makes it easier for you to control costs and manage profits. We also welcome partnerships in various vertical scenarios.



### 3. Software Installation Guide

#### 3.1 Software and Hardware Configuration Requirements

**Note:**

The gateway software currently only supports X86 architecture servers. The environment requirements are as follows.

Config uration Requir ement s	Acces s Specifi cations	C P U	M e m o r y	Ha r d D i s k	Operating System	Docker service	Outbou nd Bandwi dth
Recom mende d config uration	Support s up to 100 video	4 or e s	8 G B	20 0G B	Linux/amd64 (kernel version at least 3.10.0- 1160.62.1.el7.x86 _64)	Minimum version: Server: Docker Engine -	1000Mb ps



4. On your phone, log in to **Tencent Cloud Assistant – Mini Program**, then follow the steps below to activate the gateway.



5. At this point, the gateway is activated and successfully registered on our platform. Next, follow the [Edge Gateway Management Function](#) guide to start connecting devices.

# Mini Program User Guide

## Tencent Cloud Assistant Mini Program

Last updated: 2024-08-05 17:33:23

### Overview

This product now supports users accessing devices and performing corresponding operations on mobile terminals via the Tencent Cloud Assistant Mini Program (excluding the screen retrieval feature).

#### Note:

- "Tencent Cloud Assistant" Mini Program is a tool provided by Tencent Cloud for users to manage cloud resources and Tencent Cloud accounts on mobile devices. For more details, please refer to the [Tencent Cloud Assistant Mini Program User Guide](#) .
- Operations performed in the Mini Program are associated with the product Web Console; please proceed with caution.

### Operation step

1. Search and log in to the "Tencent Cloud Assistant" Mini Program via WeChat.
2. Follow the steps in the image below to select the "IVC" product.



1.手机登录腾讯云助手-小程序，选择控制台

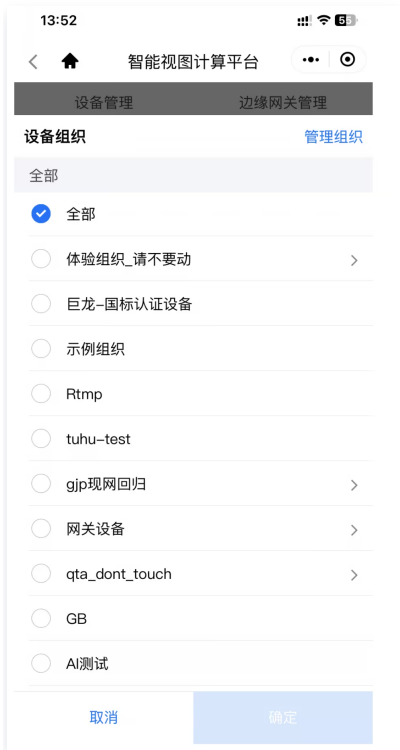
2.选择“更多云产品”

3.选择“智能视图计算平台”

3. You can perform an Information Overview, Search, and Status Filtering for all the devices under your account.



4. Manage Device Organization (add, delete, modify, and view)



5. Devices can access using different protocols, such as GB28181 Protocol, RTMP Protocol, Gateway Access, and IVCP Protocol.



6. View detailed information and perform corresponding operations on specific devices (such as obtaining the Streaming Address).



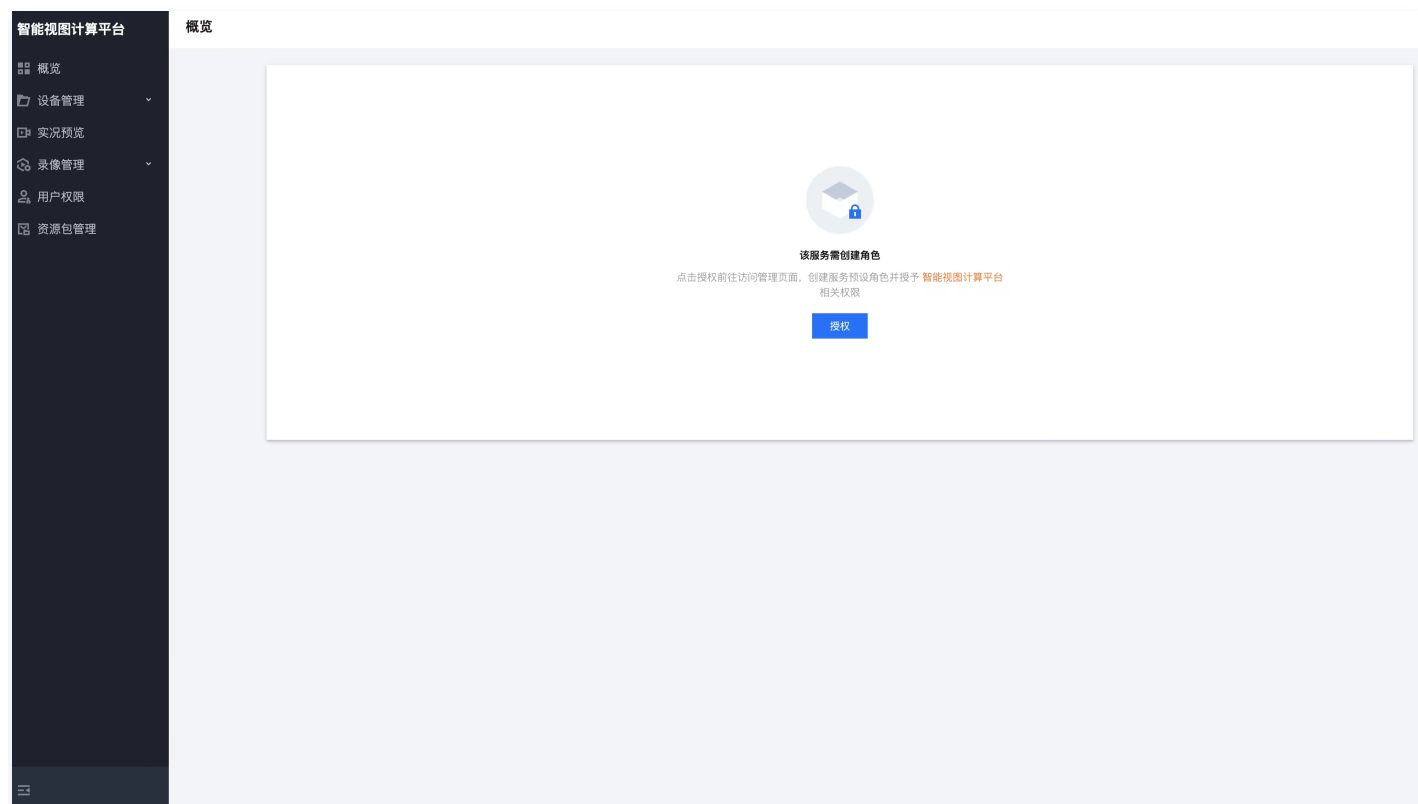
# Console User Guide

## Overview

Last updated: 2024-08-05 17:34:03

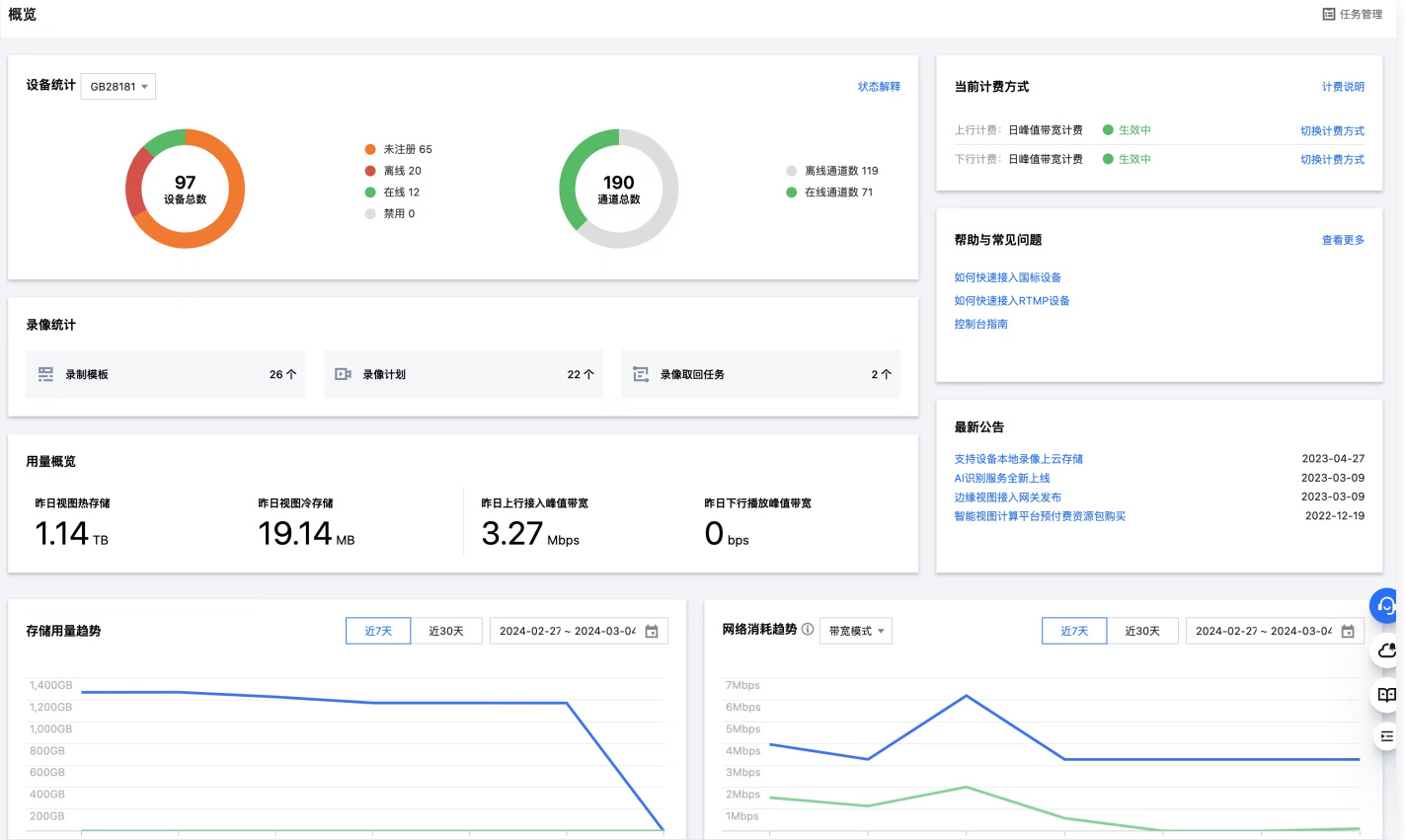
### Prerequisites

New users logging in for the first time need to **create a service preset role** and grant product-related permissions. After completing this operation, the product can be used.



### Overview

When you log in to the [IVC dashboard](#), the **Overview** page is displayed by default. This page displays data from various dimensions to help you better manage business status.



Module	Description
Device Statistics	Displays the status of devices and video channels across various protocols.
Recording Statistics	Displays the usage of recording templates, recording schedules, and recording retrieval tasks.
Usage Overview	Displays the storage capacity and network consumption usage for yesterday.
Current billing mode	Displays the current network consumption billing method selected for device access, with support for switching billing methods as needed.
FAQs and Help	Displays explanations for common questions.
Latest Notice	Displays descriptions of new product features.
Trend	Displays storage and network consumption trends, defaulting to the past 7 days trend, with records available up to the past 6 months.

## Switching network billing mode

You can switch the network billing method according to your business needs at **Overview – Current Billing Method**.

**Note:**

- Applicable for postpaid (daily) billing by usage.
- If you have purchased a prepaid – annual/monthly subscription package, the network mode in the package must be consistent with the network mode here. Otherwise, the network usage in the purchased package cannot be deducted.
- Switching rules: The upstream and downstream network billing methods can only be switched once per day and take effect at midnight (i.e., effective the next day).

### 切换计费方式

**Note:**

- 上/下行网络计费方式每天只可分别进行一次切换操作，操作后无法取消，请务必确认后再进行操作。
- 调整计费方式后，新的计费方式将于凌晨0点生效，因此第二日的消费明细将以新的计费方式计量并体现在账单中。

**上行计费**

当前 日峰值带宽计费

切换后 流量计费

我已了解不同计费方式的价格策略 [🔗](#)

## Device status explanation

**Device** refers to the abstract entities you created in our services, which can correspond to your physical terminal devices, such as IPC/NVR. **Channel** is the physical location of signal input under the device, specifically referring to video channels here.

**Note:**

- Due to network or device-side reasons, the device status on the platform side may not be accurate in real-time.
- RTMP devices and channels have a strong binding relationship, meaning if the device is online, the channel is also online, and vice versa. After creating an RTMP device, the default number of channels is 1.

Type	Status	Explanation
Device	Not Registered	You have created a device on our platform but have not configured it on the device side, so the device is still not successfully registered.
	Online	You have completed the configuration operation on the device side, and the device has been successfully registered to our platform.
	Offline	Unexpected situations (such as power outage/network disconnection, etc.) cause the device to lose all contact with the platform (including registration status and data flow).
	Disable	When in a disabled state, we will interrupt device registration and pull stream, but still retain the device configuration information.
Channel	Online	Conditions suitable for transport stream.
	Offline	Conditions not suitable for transport stream.
Stream	Transmitting	Data flow is being transmitted to our platform side.
	Not transmitted	Data flow not transmitted to our platform side.

# Service Configuration

Last updated: 2025-03-19 20:34:05

## 1. Domain Configuration

### Prerequisites

#### Why do customers need to provide their own domain names that have already been filed?

In accordance with Order No. 292 of the State Council <Internet Information Service Management Regulations> and Order No. 33 of the Ministry of Industry and Information Technology <Non-commercial Internet Information Service Filing Management Regulations>, the state enforces a licensing system for commercial Internet information services and a filing system for non-commercial Internet information services. Engaging in Internet information services without obtaining a license or completing the filing procedures is prohibited and considered illegal. Therefore, domains that have not been registered cannot use the service. Please apply for domain registration as soon as possible. If you do not have a domain of your own, you can apply for registration through [Tencent Cloud Domains](#). If this is your first time registering, you can refer to [First-time Domain Registration](#).

#### Why do you need to upload an SSL digital certificate?

SSL Certificates (SSL Certificates), also known as digital certificates, can switch your site from HTTP (Hypertext Transfer Protocol) to HTTPS (Hyper Text Transfer Protocol over Secure Socket Layer), an encrypted version of HTTP based on the Secure Socket Layer (SSL) protocol. This effectively ensures the security of data transmission. If you do not have a digital certificate, you can purchase or apply for a free certificate through [Tencent Cloud SSL Certificate](#).

### Operation step

#### Note:

Overall, there are two steps: provide a domain name that has been filed and configure a CNAME record (**used to point the domain name to another domain name, which then resolves to an IP address**), and upload an SSL digital certificate.

#### 1. Add a domain name

1. Log in to the product console and go to the **Service Configuration** page. Click Add Domain.

服务配置 文档索引

**域名配置**

ⓘ 请您提供已备案的域名，并完成如下域名CNAME和SSL证书上传等流程，否则您无法查看设备实况或录像。

添加域名

域名	服务节点	CNAME记录值	SSL证书	操作
暂无数据				

共 0 条

## 2. Copy the CNAME record value we have generated to your domain DNS service provider for the CNAME record.

**添加域名** ×

**1 CNAME解析** > **2 上传SSL证书**

ⓘ 1. 每个域名只能绑定一个服务节点，后续便可查看该节点下设备的实况和录像。

2. 您需先将已备案的域名CNAME至记录值，等待约10分钟，待CNAME配置成功后才可完成域名添加流程。[如何配置CNAME?](#)

服务节点 上海三区

为了节省网络宽带，请务必按照设备实际所在地选择最近的服务节点

CNAME记录值 [Redacted]

域名 mε [Redacted] 验证 ✔

取消
下一步

**ⓘ Note: Herewe take Tencent Cloud DNS resolution as an example,specificallyexplaining theCNAME operation process. Please refer to the guidance of other providers for their specific operations.**

1. Log in to the [Tencent Cloud DNS Resolution Console](#) .
2. In the "Domain Resolution List", select the domain name that needs CNAME record forwarding, and click **Resolution** in the action column to enter the **Record Management** page of that domain.

	域名	解析状态 ⓘ	解析套餐	最后操作时间	操作
<input type="checkbox"/>	[Redacted].top	正常解析	免费套餐	2019-11-21 14:21:22	解析
<input type="checkbox"/>	[Redacted].u.top	正常解析	免费套餐	2019-11-21 12:20:17	解析 升级套餐 更多 ▾
<input type="checkbox"/>	[Redacted].l.wang	正常解析	免费套餐	2019-11-20 14:30:46	解析 升级套餐 更多 ▾

3. Click **Add Record** and fill in the following record information as shown in the figure below:

The screenshot shows the 'Add Record' interface in the Tencent Cloud console. At the top, there is a search bar and several buttons: '添加记录' (Add Record), '快速添加网站/邮箱解析' (Quickly add website/email resolution), '暂停' (Pause), '开启' (Start), '删除' (Delete), and '分配至项目' (Assign to project). Below this is a table with columns: '主机记录' (Host Record), '记录类型' (Record Type), '线路类型' (Line Type), '记录值' (Record Value), 'MX优先级' (MX Priority), 'TTL (秒)' (TTL (seconds)), '最后操作时间' (Last operation time), and '操作' (Action). The form is filled with: Host Record: 'www', Record Type: 'CNAME', Line Type: '默认' (Default), Record Value: '1.com', MX Priority: '-', TTL: '600'. There are '保存' (Save) and '取消' (Cancel) buttons at the bottom right.

Configuration Item	Description
Host	The host record is the prefix of the domain name. For example, to add resolution for test.123.com, you can choose "test" here; but if you just want to add resolution for 123.com, you can choose "@" here.
Record Type	Choose "CNAME"
Line Type	Select "Default"
MX Priority	No need to fill in
Record Value	<b>The CNAME record value generated by our platform in the aforementioned Step 2</b>
TTL	For cache time, the smaller the value, the faster the record changes take effect globally. The default value is 600 seconds (10 minutes)

4. Click Save to complete the addition.

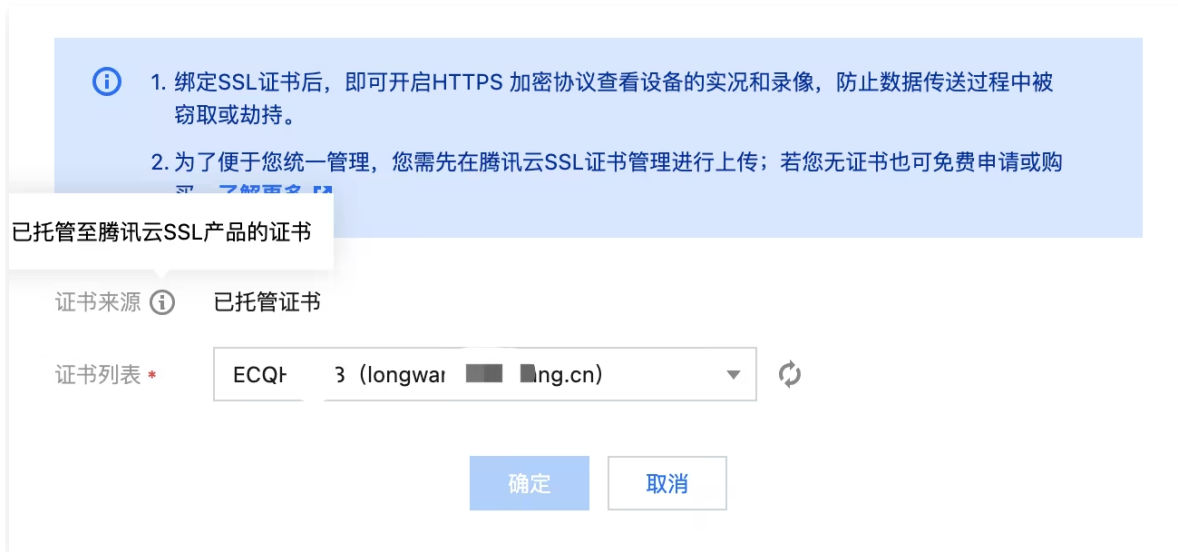
3. After about 10 minutes, once the resolution is complete, return to the console and click Verify, then proceed to Next.

## 2. Select SSL Certificates

1. Please select the certificate you have hosted on Tencent Cloud SSL Certificate Product here. After confirmation, the certificate will be automatically deployed to the product resources. Subsequently, your client will be able to access videos via HTTPS encryption protocol, ensuring data security.

**Note:**

- Tencent Cloud SSL Certificate Product offers unified certificate management, expiration alarms, renewal capabilities. If no certificate is hosted, refer to [Uploading \(Hosting\) SSL Certificates Guide](#) for uploading.
- To avoid certificate expiration, it is strongly recommended to configure expiration alarm notifications by referring to [SSL Certificates Custom Expiration Notification](#).



2.If the certificate is updated or replaced in SSL Certificate Product, rebinding the certificate in this product is still necessary to ensure uninterrupted business usage.



## II. Authentication Configuration

Based on the timestamp hotlink protection method, an encryption algorithm is used to encrypt your custom key, expiration time, and other information to generate a token value, which is **added by default to all push/broadcast stream addresses**. This ensures each stream address has a certain "timeliness" to prevent stream links from being hijacked after expiration

### ! Note:

- The authentication configuration will apply to all stream links. For security reasons, it is enabled by default for initial users. You can choose to disable it if not needed.

- We will generate stream links of different protocols for each video channel. You can check the Device Details Page or obtain them via API.

1. In the **Authentication Configuration**, click **Edit**.
2. Enter the streaming and broadcast stream key content, URL validity period (refers to the validity period of the broadcast stream address. For example, if set to 10 minutes, the address will be invalid after 10 minutes on the next replay, further preventing data leakage).

### 鉴权配置

推流鉴权  开启

推流密钥 \*  ✔

URL有效时间  10  分钟

---

播流鉴权  开启

播流密钥 \*  ✔

URL有效时间  10  分钟

3. After completion, a token-encrypted string will be generated for the stream address URL of all devices, as shown in the figure below.

播流地址

i 复制播流地址进行实况播放时会产生上行和下行网络消耗费用

播放地址	
HTTP-FLV	https://test5.maxshang.cn/live/dcc7dbc8-d9f3-4160-9a29-c3d0ad8623ea.live.flv.t... <span style="border: 1px solid red; padding: 2px;">[Token]</span>
HLS	https://test5.maxshang.cn/live/dcc7dbc8-d9f3-4160-9a29-c3d0ad8623ea/hls.m3u8.t... <span style="border: 1px solid red; padding: 2px;">[Token]</span>
RTMP	rtmp://test5.maxshang.cn/live/dcc7dbc8-d9f3-4160-9a29-c3d0ad8623ea.t... <span style="border: 1px solid red; padding: 2px;">[Token]</span>

# Device Connection

Last updated: 2024-08-05 17:35:07

## Overview

Using the Device Access feature, you can add and manage various types of terminal devices.

## Prerequisites

Please configure the domain first, otherwise, you will not be able to add devices! For detailed instructions, refer to [Domain Configuration](#).

## Operation step

### Device Organization

Device Organization is a logical tree for mounting devices. Subsequent use of various features will revolve around Device Organization.

#### Note:

- The number of organizations is unlimited, but the vertical hierarchy is restricted to 6 layers (it is suggested to classify as Province—City—District/County—Township/Street—Village/Household—Specific location).
- The organization name must be globally unique and non-repetitive.
- Each organization shows the number of online and total mounted devices, for example, (1/100) means there are 100 devices in total under this organization, with 1 device online.

1. log in to [IVC Console](#).
2. In the left navigation bar, click Device Access to enter the device access management page. You can perform the following operations on this page:

- Click the "+" icon to create a device organization and define the organization name.

设备接入

设备组织

请输入组织名称搜索

全部

gip-01 (3/6)

rtmp分屏测试不要动 (0/16)

陕西省 (0/0)

西安市 (0/0)

新建组织

全部 3个设备

添加设备 导出设备信息 设备移动

请输入设备名称/ID 搜索 包含子组织

设备名称/ID	协议类型	设备类型	状态	服务节点	通道数	备注	操作
dahipc08 61010200231327000128	GB28181	IPC	在线	上海三区	1	-	禁用 更多操作
isstest-GB-IPC-UDP 61010200231327000127	GB28181	IPC	在线	上海三区	1	-	禁用 更多操作
max 61010200231327000129	GB28181	IPC	在线	上海三区	1	-	禁用 更多操作

共 3 条

20 条 / 页 1 / 1 页

- Hover over a specific organization to edit the organization name quickly, delete it, or add a subordinate organization.

设备接入

设备组织

请输入组织名称搜索

全部

gip-01 (3/6)

rtmp分屏测试不要动 (0/16)

陕西省 (0/0)

西安市 (0/0)

新建组织

全部 3个设备

添加设备 导出设备信息 设备移动

请输入设备名称/ID 搜索 包含子组织

设备名称/ID	协议类型	设备类型	状态	服务节点	通道数	备注	操作
dahipc08 61010200231327000128	GB28181	IPC	在线	上海三区	1	-	禁用 更多操作
isstest-GB-IPC-UDP 61010200231327000127	GB28181	IPC	在线	上海三区	1	-	禁用 更多操作
max 61010200231327000129	GB28181	IPC	在线	上海三区	1	-	禁用 更多操作

共 3 条

20 条 / 页 1 / 1 页

- Click the Include Suborganization option to display all devices mounted under the current and subordinate organizations. Otherwise, only display devices under the current

## organization.

设备接入 文档索引

**设备组织**

请输入组织名称搜索

全部 +

- gjp-01 (2/5)
- rtmp分屏测试不要动 (0/16)
- 陕西省 (1/1)
- 国标模拟设备 (16/16)

**gjp-01** 5个设备

添加设备 导出设备信息 设备移动

请输入设备名称/ID 搜索  包含子组织

设备名称/ID	协议类型	设备类型	状态	服务节点	通道数	备注	操作
<input type="checkbox"/> ISS-GB-NVR-TCP 61010200231187000124	GB28181	NVR	未注册	上海三区	0	-	禁用 更多操作
<input type="checkbox"/> dahipc08 61010200231327000128	GB28181	IPC	在线	上海三区	1	-	禁用 更多操作
<input type="checkbox"/> 大华球机03-UDP 61010200231327000127	GB28181	IPC	在线	上海三区	1	-	禁用 更多操作
<input type="checkbox"/> sub-add 61010200231327000132	GB28181	IPC	未注册	上海三区	0	-	禁用 更多操作
<input type="checkbox"/> RTMP-IPC OdmMFSZWqW	RTMP	IPC	未注册	上海三区	1	-	禁用 更多操作

共 5 条 20 条 / 页

## Device addition and viewing

1. Select a specific device organization, click Add device. Currently supported protocols include GB28181 Protocol, RTMP Protocol, Gateway Access, and IVCP Protocol. For protocol definitions, refer to [Term Explanation](#).

**手动添加设备** ×

设备名称 \*

接入协议 \*  GB28181  RTMP  网关接入  IVCP

设备类型 \*  IPC  NVR

服务节点  ▼  
为了节省网络宽带，请务必按照设备实际所在地选择最近的服务节点

设备密码 \*  🔑  
该密码后续将用于设备端配置

流传输协议 \*  TCP  UDP  
默认使用TCP传输，您可参考[选择建议](#)进行调整。

描述   
0 / 128

2. Click the device name to enter the Device Details Page, where you can view basic information, configuration information, and stream address information.

**Note:**

- **Features applicable to GB28181 protocol devices:**
  - **Audio Switch:** The platform supports whether to accept device audio
  - **Directory Subscription:** The platform supports active subscription to the real-time status of video channels under NVR devices (some brands may not respond)
  - **Stream Transmission Protocol:** The platform supports selecting TCP or UDP protocols for stream transmission
- We generate three types of real-time streaming addresses (HTTP-FLV, RTMP, HLS) for each video channel for customer application integration.

**性能测试**

**基本信息**

设备名称	性能测试	设备ID	140-41cb-93b0-f81fe5d40ad4
设备状态	在线	服务节点	上海测试1
设备类型	NVR	接入协议	GB28181
设备组织	性能测试设备	描述	-
音频	<input checked="" type="checkbox"/> 开启		

**国标配置信息**

SIP 服务器编码	61010000002000000002	SIP 服务器域	6101000000
SIP 服务器地址	101.226.95.194	SIP 服务器端口	5871
设备密码	.....	设备编码	61021000001180000128
流传输协议	TCP	目录订阅	<input checked="" type="checkbox"/> 开启

**播放地址** dev\_1

复制播放地址进行实况播放时会产生上行和下行网络消耗费用

播放地址	地址
HTTP-FLV	https://longwan.maxshang.cn/live/b665c551-8342_EDPBrOQ23wMokOdxwRY8Qw
HLS	https://longwan.maxshang.cn/live/b665c550-228313_1712478342_EDPBrOQ23wMokOdxwRY8Qw
RTMP	rtmp://longwan.maxshang.cn/live/b665c551-8342_EDPBrOQ23wMokOdxwRY8Qw

## Export Device Information

Select a specific device organization, click Export Device Information, and you can export configuration information for all or selected devices.

设备接入 文档指引

设备组织

请输入组织名称搜索

全部 +

- gjp-01 (3/6)
- rtmp分屏测试不要动 (0/16)
- 陕西省 (0/0)

全部 22个设备

添加设备 导出设备信息 设备移动

请输入设备名称/ID 搜索  包含子组织

设备名称	协议类型	设备类型	状态	服务节点	通道数	备注	操作
<input checked="" type="checkbox"/> ISS-GB-NVR-70P 61010200231187000124	GB28181	NVR	未注册	上海三区	0	-	禁用 更多操作
<input checked="" type="checkbox"/> rtmp14 Odm5TMntSB	RTMP	IPC	高线	上海三区	1	-	禁用 更多操作
<input checked="" type="checkbox"/> rtmp6 Odm5bbY4M5	RTMP	IPC	高线	上海三区	1	-	禁用 更多操作
<input checked="" type="checkbox"/> rtmp5 OdmRjXTTY2	RTMP	IPC	高线	上海三区	1	-	禁用 更多操作
<input checked="" type="checkbox"/> rtmp15 OdmDToUacF	RTMP	IPC	高线	上海三区	1	-	禁用 更多操作
<input checked="" type="checkbox"/> rtmp3 OdmXxHhvhv	RTMP	IPC	高线	上海三区	1	-	禁用 更多操作
<input checked="" type="checkbox"/> rtmp10 OdmBt9aEvl	RTMP	IPC	高线	上海三区	1	-	禁用 更多操作
<input checked="" type="checkbox"/> rtmp11 Odm9O8za7T	RTMP	IPC	高线	上海三区	1	-	禁用 更多操作
<input checked="" type="checkbox"/> rtmp13 OdmYhA1zXH	RTMP	IPC	高线	上海三区	1	-	禁用 更多操作
<input checked="" type="checkbox"/> rtmp12 Odm51WoQ8o	RTMP	IPC	高线	上海三区	1	-	禁用 更多操作

## Batch Device Operations

Select devices (multiple selections allowed) for various operations, including device mobility, enablement, disablement, deletion, and synchronizing video channels under the device.

全部 767个设备

添加设备 导出设备信息 批量操作

设备名称/编码

测试音频开关  
61021000001180000130

驼哥测试  
61021000001180000129

设备移动  
设备启用  
设备禁用  
设备删除  
同步通道

## View Channel Information

1. Click the number of channels to view information on all video channels under the device, including channel name, status, encoding, and stream status.

全部 1个设备

添加设备 导出设备信息 批量操作

请输入设备名称/ID 搜索  包含子组织

设备名称/编码	协议类型	设备类型	设备状态	服务节点	通道数	描述	操作
性能测试 61021000001180000128	GB28181	NVR	在线	上海测试1	1000	-	禁用 更多操作

共 1 条

20 条 / 页 1 / 1 页

2. Click the "Synchronize Channels" button to refresh and obtain the latest video channel information.

设备类型	设备状态	服务节点
NVR	在线	上海测试1

通道信息

性能测试 同步通道

视频通道名称/编码	视频通道ID	通道状态	流状态
dev_718 61021000001000718	00855117-315e-453-71-36b20b7419b5	在线	未传输
dev_207 61021000001000207	00b0defe-54f8-4c23--200fd2fc7731	在线	未传输
dev_438 61021000001000438	00b21356-1182-4109-b2-8a197cc6f55	在线	未传输
dev_116 6102100000100116	00f7855f-3a44-466e-b5-8d482ba17c	在线	未传输
dev_817 6102100000131817	017ca2fa-ff56-4b88-8b2-679bb862ed	在线	未传输
dev_313 6102100000131313	019e5adb-0d0a-4fd1-a-118c467f8bff	在线	未传输
dev_34 61021000001310034	01cb2976-e82e-496b-2-6c0134a7385c	在线	未传输
dev_590 610210000013100590	0200af86-9792-422d-ba44-f4bcd9166cf	在线	未传输

# Live Overview

Last updated: 2024-08-05 17:44:44

## Overview

Using the **Live Preview** feature, you can play live video from the video channels of the connected devices.

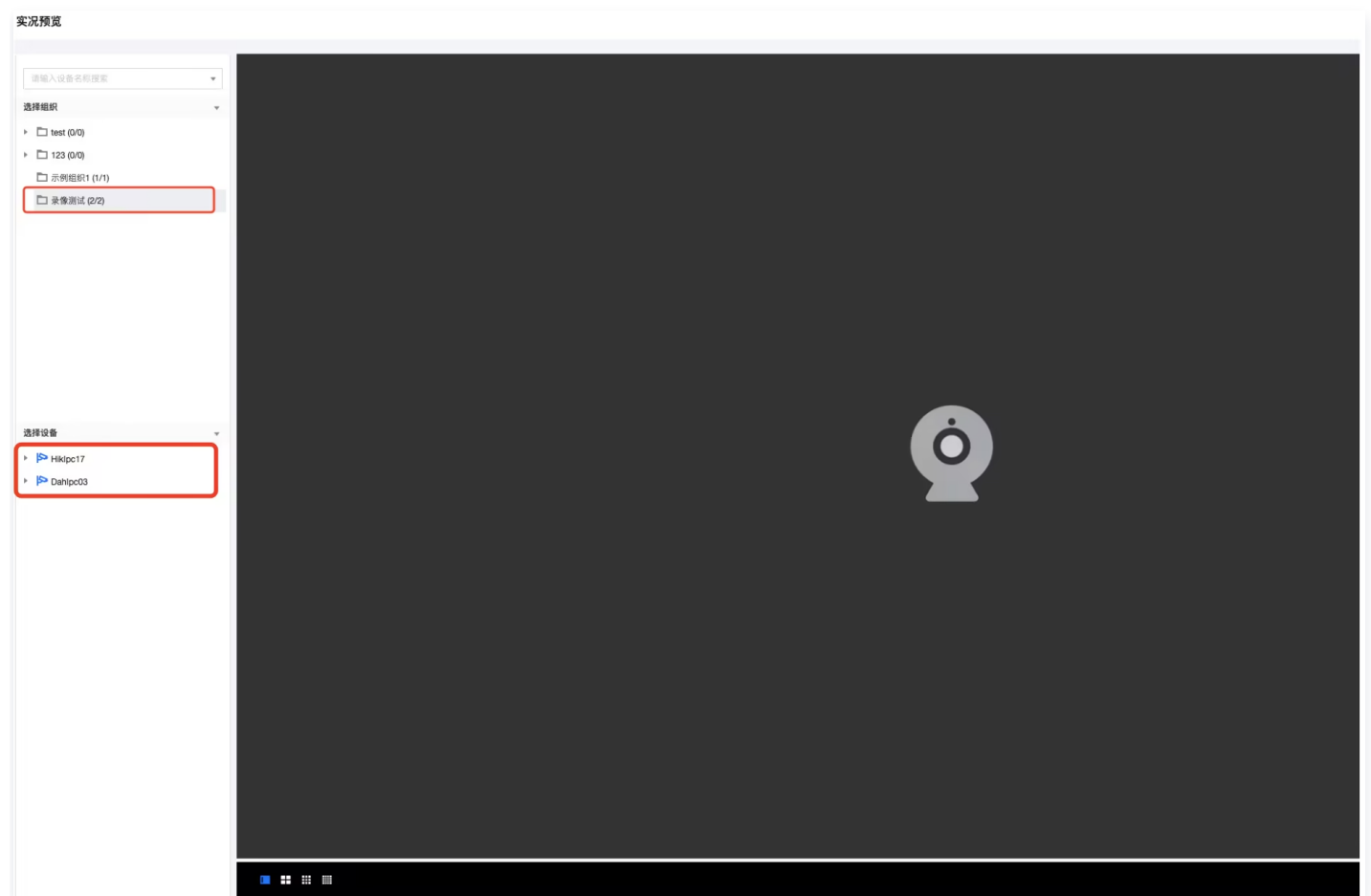
## Operation step

### Note

- Live Preview uses an on-demand pulling mechanism. Click the video channel to start pulling the stream; close the player to stop pulling.
- The console player uses the HTTP-FLV protocol and is compatible with H.264 and H.265 video encoding formats.

1. Select the device organization and locate the device you want to access. (A blue icon indicates the device is online and accessible; a gray icon indicates the device is offline and

inaccessible.)



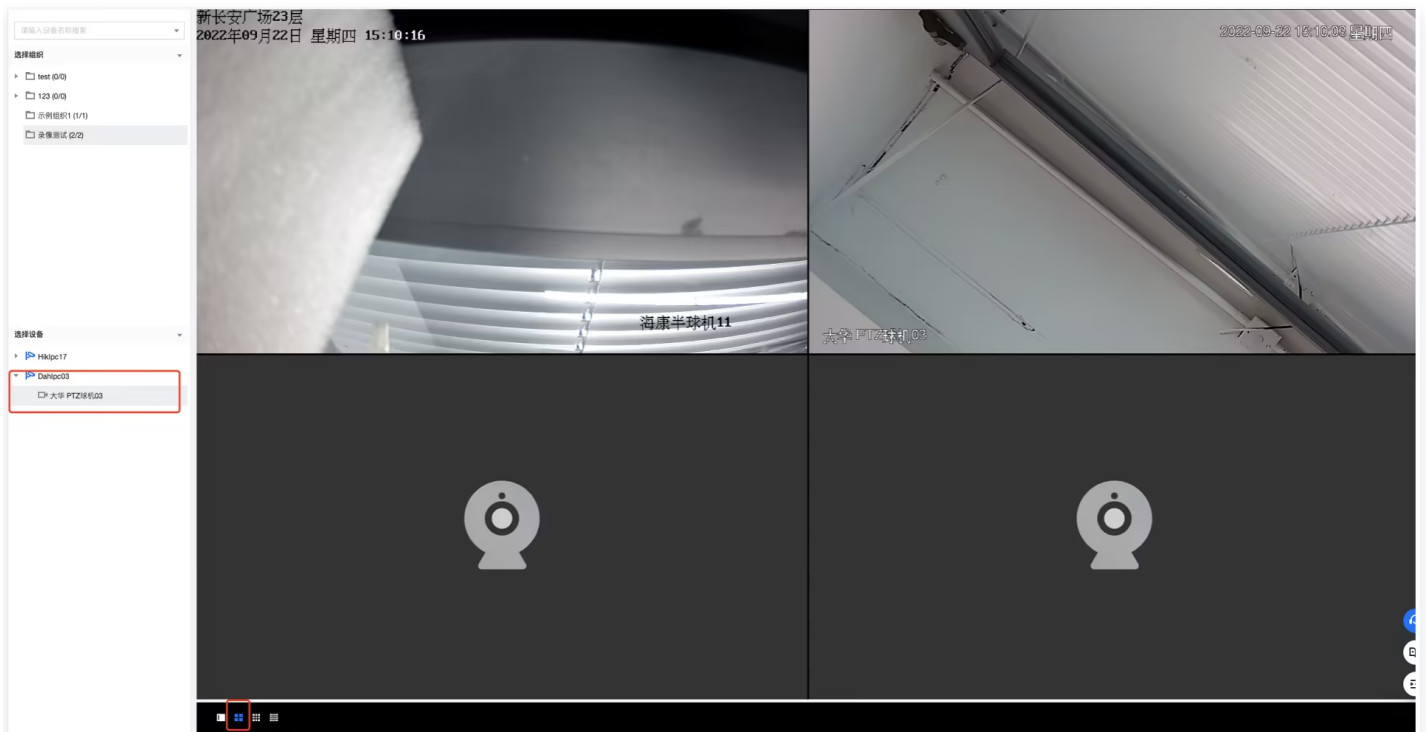
2. Select the device and click its video channel to start pulling the stream and play the live video. Player feature highlights:

**Note:**

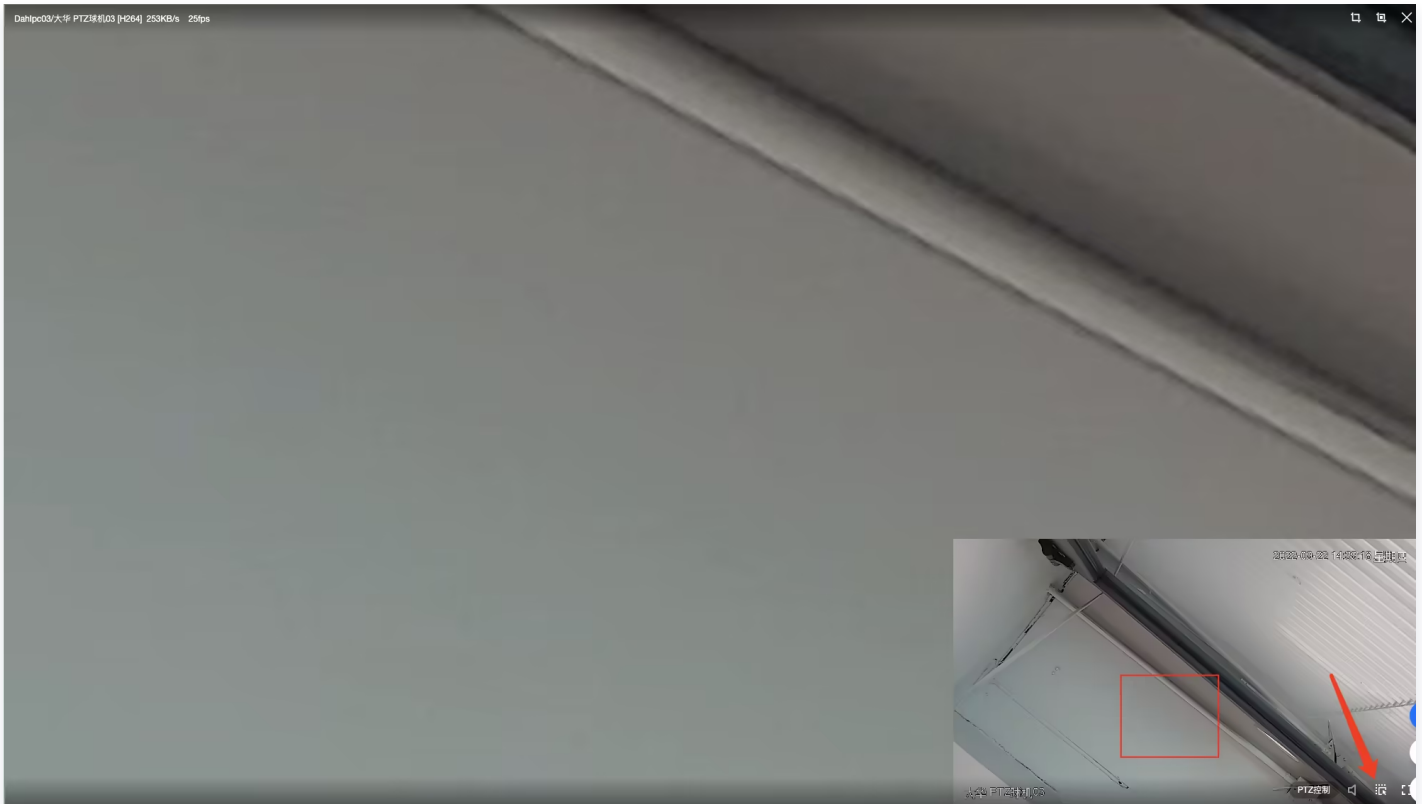
- Supports full-screen enlargement and 1, 4, 9, 16 split-screen playback with customizable drag-and-drop split screen order.
- The top left corner displays the current video channel name, video encoding format, real-time bit rate, and real-time frame rate.
- For dome cameras, PTZ-related features are supported and will be introduced in detail below.
- Supports area digital zoom feature, creating a picture-in-picture effect for detailed viewing.
- Supports audio playback.



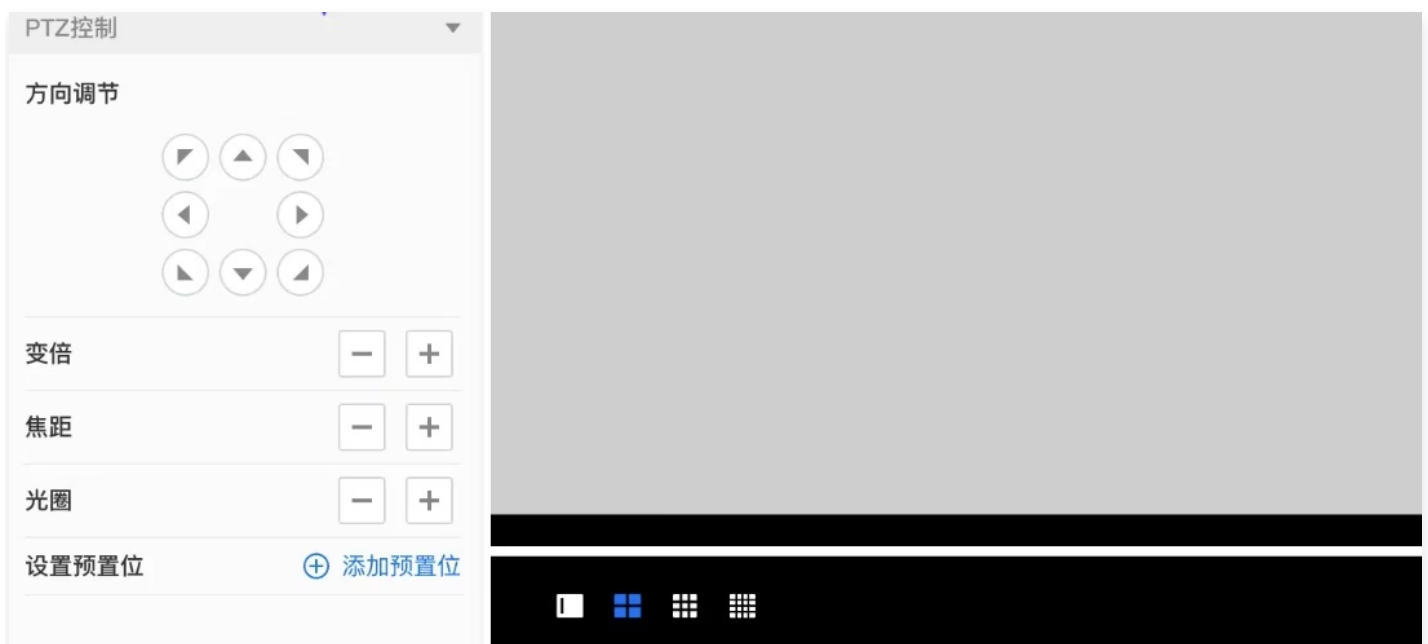
3. For multi-channel playback, select the desired number of split-screens first, then click the video channels you want to play.



4. To view details, click the shortcut indicated by the arrow in the image to frame the screen and perform digital zoom, creating a picture-in-picture effect.



5. For devices supporting PTZ features, click the shortcut indicated by the arrow in the image to perform **Direction Adjustment (8 directions)**, **Zoom Adjustment**, **Focus Adjustment**, **Aperture Adjustment**, and **Preset Position Setting (each video channel supports setting up to 10 presets)**.



6. Click the **Close Button** at the top right corner of the Player to close the screen, and we will also stop the Pull stream.

# Recording Management

## Recording Playback

Last updated: 2024-08-05 17:45:22

### Overview

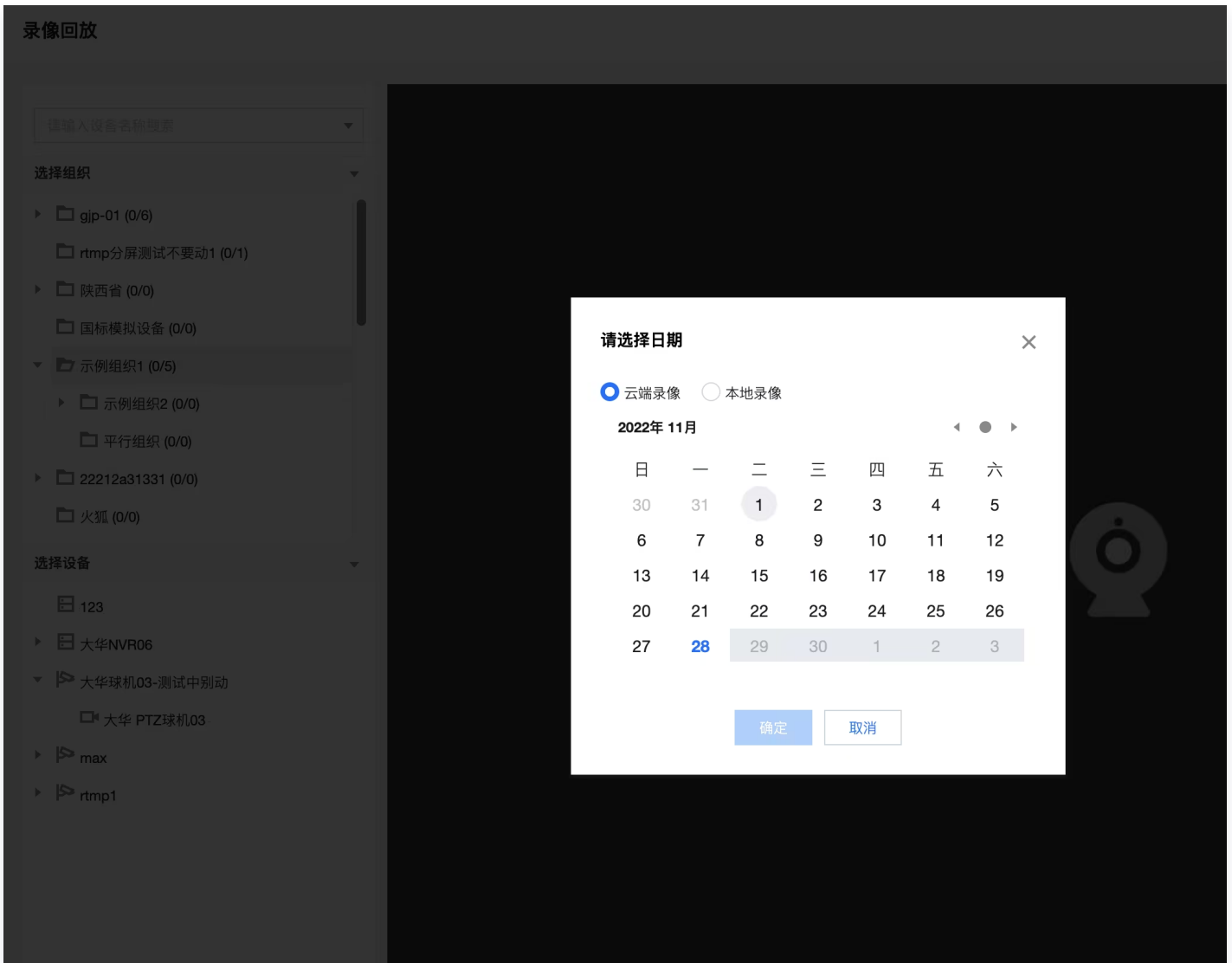
Using the Recording Playback feature, you can replay or download historical data from video channels. The following example explains with cloud recording.

### Operation step

1. In the [Console](#) left side navigation bar, click **Recording Management** and select the **Recording Playback** feature.
2. Click the video channel you want to replay, select the recording mode and date, then start the search.

#### Note:

- There are two recording modes: **Cloud Recording and Local Recording**. Cloud Recording refers to data stored in the cloud through streaming; Local Recording refers to footage stored on the local disk of the NVR device or in the IPC storage card.
- The duration of cloud recordings depends on the lifecycle rules set during the recording plan, while the duration of local recordings depends on the storage period configured on your device.

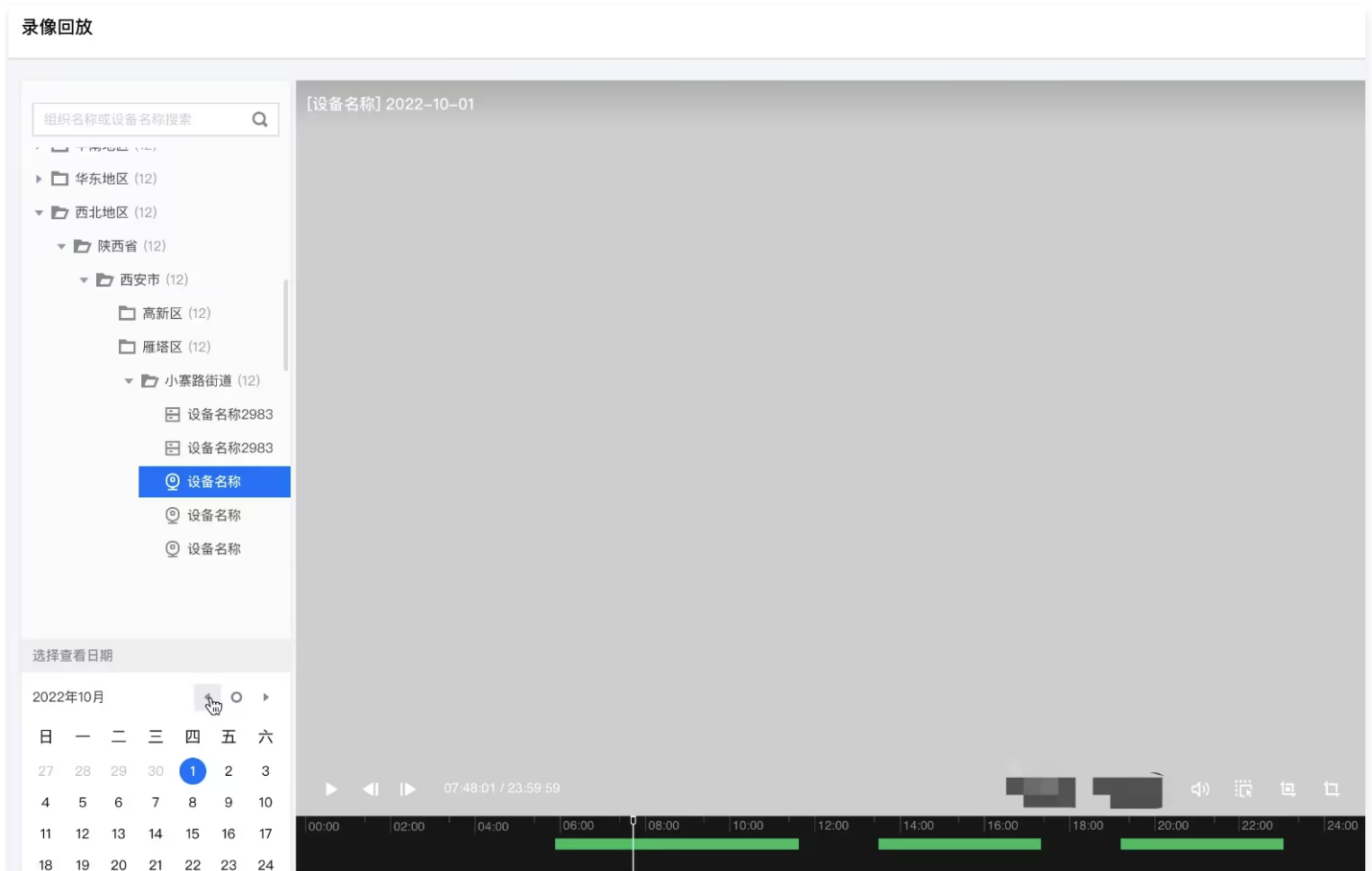


### 3. Drag the playback pointer to play the recording at the desired time.

#### **Note:**

##### Feature Explanation:

- Recording health detection bar: Green sections indicate complete and replayable data; damaged sections indicate no data and thus non-replayable.
- Accelerated Playback: Supports x1/4, x1/2, x1, x2, x4 (both cloud and local recordings are supported).
- Screenshots: Single screenshot, Multiple screenshots (5 shots per click).
- Recording Download: Supports downloading recordings in MP4, TS formats (up to 60 minutes per download).
- Digital zoom: Creates a picture-in-picture effect for detailed viewing.
- Audio: Supports audio playback.



4. For cloud recordings, MP4 and TS formats are supported for download (up to 60 minutes per download).



# Recording Plan

Last updated: 2024-08-05 17:45:50

## Overview

The recording plan is to **address the issue of which devices to pull streams from at what times and how long to store them**. Currently, it is divided into two types: real-time cloud upload plan and video recording cloud upload plan, both of which rely on a recording template.

## Prerequisites

You need to create a corresponding recording template first. For details, you can refer to the [Recording Template Usage Guide](#).

## Scenario Solution

	Real-time Cloud Upload Plan	Recording Cloud Upload Plan
Applicable Scenarios	Data stored in the cloud and sufficient device uplink network	Data stored in the cloud but insufficient device uplink network.  <div style="border: 1px solid #00aaff; padding: 10px; margin-top: 10px;"> <p><b>Note:</b> Essentially, using the device's idle times in the night or early morning (customer-defined) to upload the previous day's local recordings to the cloud.</p> </div>
Differences	Real-time data cloud storage of the device	Local recording to cloud of the device (i.e., recordings stored in IPC Camera storage card or NVR hard drive), for long-term backup storage.
Best Practice	Background:<0> To store data from the store's IPC cameras from 8 AM to 8 PM in the cloud for 7 days, ensuring it can be accessed and viewed at any time.	<b>Background:</b> The goal is to upload 24 hours of video recordings from the hotel's NVR device hard drive every Sunday to cloud storage, ensuring accessibility within 7 days for immediate review, while also achieving lower-cost backup storage for 180 days.  <b>Operation:</b> 1. First, create a cloud upload template. Here are two recommended settings for the template:

Operation:<1>

1. First, create a real-time cloud upload template with the time set as Monday to Sunday, 8 AM to 8 PM.
2. Then create a recording plan: select the device and apply the above template, and choose hot storage for 7 days.

- Assuming the off-peak hours for cloud upload are from 00:00 to 6:00 on Mondays; Cloud upload speed: 4x.
- Assuming the off-peak hours for cloud upload are from 00:00 to 8:00 and 20:00 to 24:00 on Mondays; Cloud upload speed: 2x

#### Note:

The platform will upload the previous day's recording data to the cloud at the specified speed during the cloud upload timeframe. Thus, to ensure data completeness, the template settings must at least meet the condition(**cloud upload timeframe = previous day's recording timeframe / upload speed**)

2. Then create a recording plan: select the device and apply the above template. Choose hot storage for 7 days and cold storage for 180 days.

## Operation step

### Real-time Cloud Upload Plan

1. Click the top left **Create Plan**.

The screenshot shows the 'Recording Plan' management interface. At the top left, there is a 'Create Plan' button highlighted with a red box. Below it, a table lists several recording plans. The table has the following columns: Plan Name/ID, Status, Template, Lifecycle Policy, Recording Speed, Creation Time, and Description. The first two plans are in '使用中' (In Use) status, while the others are in '删除中' (Deleting) status.

计划名称/ID	状态	录制模板	生命周期规则	视频速率	创建时间	描述	操作
t-all-days a641176ef9a3d615e6510938c1c3f3b6	使用中	all_days	热存储7天、冷存储180天	34	2023-03-09 20:43:57		编辑 删除
qda-test c79a0928b2ad481127c727195d558abb	使用中	qda-全天	热存储7天、冷存储180天	3	2023-02-23 21:34:14		编辑 删除
新大规号测试 eee6a3cb382edf8b800cb75a3ae21854	删除中	网关录像模板	热存储7天、冷存储180天	0	2023-02-22 17:33:07		查看 删除
网关录像测试 056b699620f2c49e767c204339f5ad	使用中	网关录像模板	热存储7天、冷存储180天	0	2023-02-10 17:12:33	1	编辑 删除
kwel-test 3d63a2b2cb45a9489f90451e41e715e	使用中	22	热存储7天、冷存储180天	0	2023-02-09 15:12:20	-	编辑 删除
qda-test 62b0a996c8e2c4e0ba08f78500f25b	删除中	123123	热存储7天、冷存储180天	0	2023-01-06 15:19:31		查看 删除

2. Fill in the basic information, select the created real-time cloud recording template, and add the video channel.

#### Note:

- Regardless of whether the device and channels are online, they can be added to the plan. Each video channel can only be applied to one plan.
- In terms of operation, we support selecting all channels under an organization, and we also support custom selection of channels under an organization.

**基本信息**

计划名称  ✓

实时上云模板  ✓  
如没有合适的录制模板，可前往[新建模板](#)

描述  ✓  
0 / 128

---

**通道选择**

**操作提示**

- 若您需要选择某个组织下的全部通道，可勾选组织的复选框，我们默认会进行全选。（注意：不包含子组织的通道）
- 若您还需选择其他组织下具体的通道，可点击组织名称，依据陈列的通道信息自定义添加，同时我们将具体展示已选择的信息。

已选择0个视频通道

请输入组织名称和搜索

- oip-01
- rtmp分屏测试不要动1
- ▶ 陕西省
  - 国标模拟设备
  - 示例组织1
  - ▶ 22212a31331
    - 性能压测设备
    - 性能压测设备2
  - gxd
  - 国标接入
  - rtmp导入测试
  - RTMP接入
  - ▶ 网关测试

设备名称 请输入搜索

通道名称	设备名称
rtmp14	rtmp14
rtmp6	rtmp6
rtmp5	rtmp5
rtmp17	rtmp17
rtmp15	rtmp15
rtmp3	rtmp3

共 17 条    10 条/页    1 / 2 页

设备名称 请输入搜索

通道名称	设备名称	所属组织
暂无数据		

共 0 条

---

**生命周期规则**

数据上传后热存储  天

数据热存储到期后，自动转为冷存储  天

### 3. Set the Lifecycle Rules, which define how long the data will be stored in the cloud.

#### ! Note:

- Hot data storage type is suitable for scenarios requiring immediate access, with a duration of 1–3650 days.
- Cold data storage type is suitable for long-term backup with infrequent access, with a minimum storage duration of **60 days** and a maximum of 3650 days.

## 生命周期规则

数据上传后热存储    天

数据热存储到期后, 自动转为冷存储

**i** 视图冷存储适用于极少访问且需要长期保存数据的业务场景。最低存储60天（不足60天按照60天收费）  
冷存储数据在访问前需要先把数据取回，即数据解冻成热存储类型的副本后方可进行录像回放 或 下载。具体您可使用 [录像取回](#) 功能

确定

取消

4. After completing the plan creation, the platform will execute the data upload and storage according to the settings.

## Recording Cloud Upload Plan

### **Note:**

You need to first ensure the integrity of the device's local recording. It is recommended that you log in to the Device Configuration End to check.

1. Click Create Plan in the top left corner.

录屏计划

实时上云计划 **录像上云计划**

**i** 说明: 创建录像上云模板, 在所设置的上云时间段拉取前一天的设备本地录像, 适用于想要上云存储, 但设备端网络资源紧张, 利用夜间低峰时段的网络进行传输拉流

**创建计划**

计划名称/ID	状态	录制模板	生命周期规则	视频通道数	创建时间	描述	操作
生命周期测试 8ef0579-ee68-4e97-80c9-9e9e177bd929	使用中	测试111	热存储7天, 冷存储60天	2	2023-04-28 12:51:37	-	编辑 删除
24h-1h限速 18a7aaa9-4b80-46e1-82ad-49e567579f11	使用中	24h-2倍速-全天-上云多段	热存储7天, 冷存储60天	1	2023-04-14 17:46:37	-	编辑 删除
1111 e63acbec-e560-417b-ba00-4216d8643ec8	使用中	gip-update123	热存储7天, 冷存储60天	0	2023-04-13 15:32:25	-	编辑 删除
测试录制模板 8d0df191-802d-4e84-9a4e-f907d2953016	使用中	测试录像模板	热存储7天, 冷存储60天	1	2023-04-11 20:15:04	-	编辑 删除

共 4 条

10 条 / 页

2. Select the created Recording to Cloud Template, and add video channel and storage period. After completing the plan creation, the platform will execute the data upload and storage according to the settings.

### 创建录像计划

文档索引

**基本信息**

计划名称:  ✓

录像上云模板:  ✓

描述:  ✓

0 / 128

---

**通道选择**

**操作提示**

- 若您要选择某个组织下的全部通道, 可选择组织对象选择, 我们默认会进行全选。(注意: 不包含子组织的通道)
- 若您选择其他组织下具体的通道, 可在组织名称, 依据列表的通道信息自定义添加, 同时我们将具体展示已选择的信息。

已选择1个视频通道

请输入组织名称搜索

设备名称	设备名称	设备名称
<input checked="" type="checkbox"/> gp-01	暂无数据	暂无数据
<input type="checkbox"/> rtmp分屏测试-蓝灵动1		
<input type="checkbox"/> 陕西省		
<input type="checkbox"/> 国际模拟设备		
<input type="checkbox"/> 乐视组织1		
<input type="checkbox"/> 2221231331		
<input type="checkbox"/> 性能压测设备		
<input type="checkbox"/> 性能压测设备2		
<input type="checkbox"/> gpd		
<input type="checkbox"/> 国际接入		
<input type="checkbox"/> rtmp导入测试		
<input type="checkbox"/> RTMP接入		
<input type="checkbox"/> 网关测试		

共 0 条

请输入设备名称搜索

通道名称	设备名称	所属组织
	暂无数据	

共 0 条

---

**生命周期规则**

数据上传后热存储  天

数据热存储到期后, 自动转为冷存储  天

# Recording Retrieval

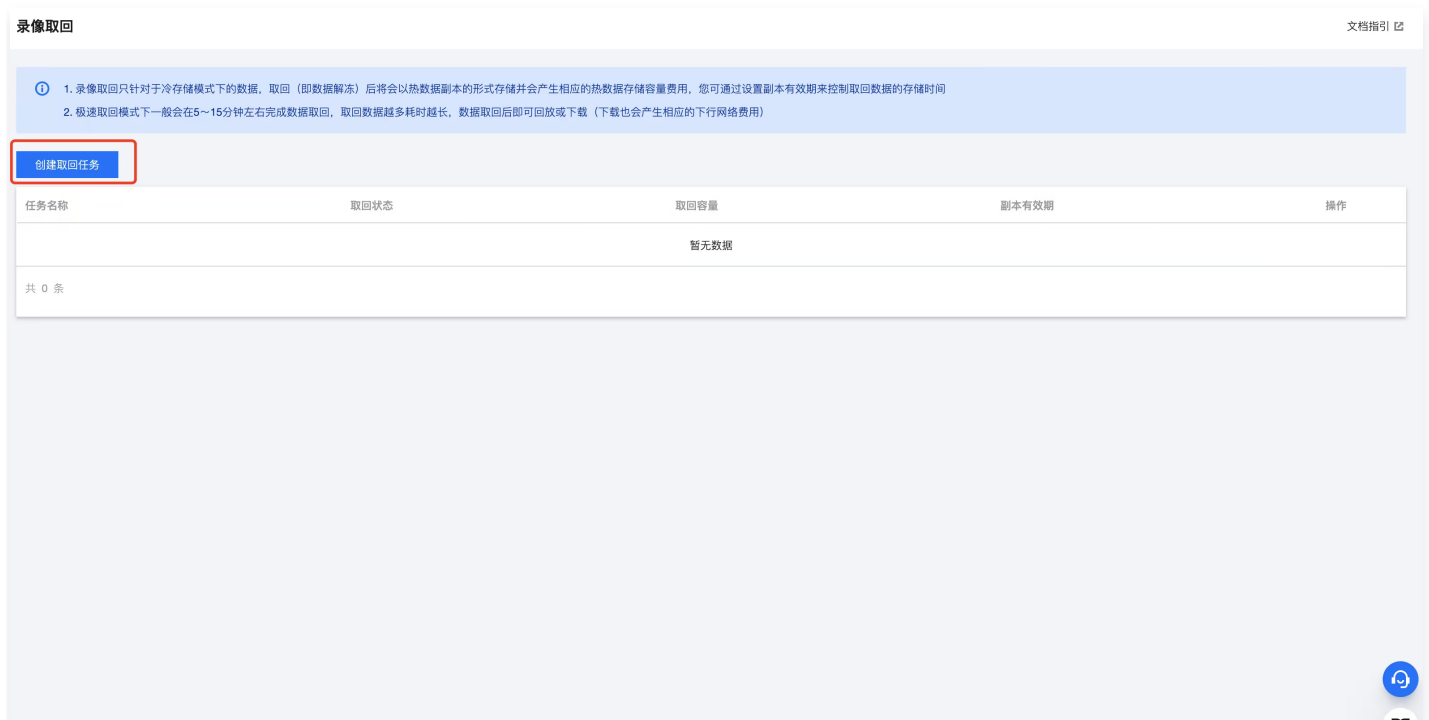
Last updated: 2024-08-15 10:04:57

## Overview

For data of the cold storage type, use this feature for data thawing, after which the retrieved data can be played back or downloaded.

## Operation step

1. In the left navigation bar, select the Recording Retrieval feature, click the top left **Create Retrieval Task**.



录像取回 文档指引

1. 录像取回只针对冷存储模式下的数据。取回（即数据解冻）后将会以热数据副本的形式存储并会产生相应的热数据存储容量费用。您可以通过设置副本有效期来控制取回数据的存储时间  
2. 极速取回模式下一般会在5~15分钟左右完成数据取回，取回数据越多耗时越长。数据取回后即可回放或下载。（下载也会产生相应的下行网络费用）

**创建取回任务**

任务名称	取回状态	取回容量	副本有效期	操作
暂无数据				

共 0 条

2. Fill in the basic information. The retrieval time period is up to 24 hours (retrieve all data for the day); replica validity period means the retrieved data will be stored as hot storage type, during which it can be played back and downloaded. After expiration, the data will be deleted.

## ← 创建取回任务

## 基本信息

任务名称 · 取回任务示例  ✓取回日期 · 2022-09-27   ✓取回时间段 · 00:00 ~ 23:59   ✓取回模式  极速取回副本有效期 ·  - 1  + 天

有效期支持1到365天

## 通道选择

选择组织 · 请选择设备组织 

选择通道

已选择 (0)

请选择设备组织

设备名称	所属组织
------	------

确定

取消

3. Select the organization and device channels. A single task supports retrieval of up to 32 video channels.

基本信息

任务名称

取回日期

取回时间段

取回模式  极速取回

副本有效期    天

有效期支持1到365天

通道选择

选择组织

选择通道

- Hikipc17
  - 海康PTZ球机07
- Dahipc03
  - 大华 PTZ球机03

已选择 (3)

设备名称	所属组织	
Hikipc17/海康PTZ球机07	录像测试	✕
Hikipc17/海康PTZ球机07	录像测试	✕
Dahipc03/大华 PTZ球机03	录像测试	✕

# Edge Gateway Management

Last updated: 2025-02-14 17:55:43

## 1. INTRODUCTION

This feature is a cloud management platform for the visualization access gateway. Below, we will discuss in two parts: **how to connect devices via gateway and how to manage the gateway.**

🔔 **Prerequisites:** You have activated the gateway, and the gateway information has been successfully transmitted to the cloud platform. For details, please refer to the [View Access Gateway User Guide](#).

## 2. Operating Steps

### 2.1 Connecting Devices via Gateway Method

1. In the left sidebar of the console, navigate to the **Device Access** page.
2. After selecting **Device Organization**, click **Add Device**.

ID	协议类型	设备类型	状态	服务节点
max 31011000001320001757	GB28181	IPC	离线	上海1
海康球机17 31011000001320001754	GB28181	IPC	离线	上海1
演示1 31011000001320001664	GB28181	IPC	未注册	上海1
演示设备1 31011000001320001665	GB28181	IPC	未注册	上海1
设备AT OdwMf8BhzQ	RTMP	IPC	离线	上海1

3. Select **Gateway Access Method**, and choose based on the actual type and brand of the device.

**Note:**

- The gateway protocol refers to the access protocol used by the gateway when connecting devices in a local area network. Currently supported protocols include **Hikvision SDK, Dahua SDK, Uniview SDK, and the Onvif protocol (this protocol can be selected for accessing devices of other brands).**
- Device username and login password refer to the account and password used to log in to the device configuration interface. Please fill in accurately, or the gateway will be unable to connect to the device! You may use the admin account, but for security reasons, it is recommended to add a regular user according to the [username and password modification guide for each brand](#).
- Device Intranet IP refers to the IP address of the device within the local area network, which you can find on the configuration page of your router.
- Device port refers to the open port used by each manufacturer's device when connecting via their SDK. Fill in as follows: **Hikvision Default 8000, Dahua Default 37777, Yushi Default 80, ONVIF Default 80.**

**手动添加设备**

设备名称 • 网关1 ✓

接入协议 • GB28181 RTMP **网关接入**

设备类型 • **IPC** NVR

网关选择 • giptest

网关协议 • 海康SDK  
请依据设备厂商品牌选择对应的网关协议，否则无法成功接入

设备用户名 • admin ✓

设备登录密码 • ..... ✕ ✓

设备内网IP • 192.168.0.1 ✓

设备端口 • 8000 ✓

描述  
选填,支持128字符内  
0 / 128

已添加到剪贴板  
确定 取消

4. After the device is created successfully, the gateway will automatically connect to your device in the local area network. Once the connection is successful, the device will show as online, and the video channels and stream status information will be displayed.

## 2.1 Gateway Management

Devices connected through the gateway will be managed under the corresponding gateway. You can perform daily management by following these steps.

1. In the console, select **Edge Gateway Management feature**, where you can see all registered and activated gateways. Click **Monitor** to view real-time uplink traffic, device, and channel status.

The screenshot shows the 'Edge Gateway Management' console. At the top, there is a search bar for gateway names. Below it is a table with columns: Gateway Name, Gateway ID, Monitoring, Status, Service Node, and Actions. A popup window titled 'Monitoring (Real-time Data)' is open, showing 'Transmission Traffic Monitoring' at 0.00 Mbps, 'Device Monitoring' with 0 total devices (0 online, 0 offline), and 'Channel Monitoring' with 0 total video channels (0 online, 0 offline).

网关名称	网关ID	监控	状态	服务节点	操作
网关压测-1786	gwstool_1786	📊	在线	上海三区	网关配置 软件版本 删除
网关压测-23037	gwstool_23037	📊		上海三区	网关配置 软件版本 删除
网关压测-7688	gwstool_7688	📊		上海三区	网关配置 软件版本 删除
网关压测-23228	gwstool_23228	📊		上海三区	网关配置 软件版本 删除
网关压测-4212	gwstool_4212	📊		上海三区	网关配置 软件版本 删除
网关压测-8313	gwstool_8313	📊		上海三区	网关配置 软件版本 删除
网关压测-7207	gwstool_7207	📊		上海三区	网关配置 软件版本 删除
网关压测-21087	gwstool_21087	📊		上海三区	网关配置 软件版本 删除
网关压测-445	gwstool_445	📊		上海三区	网关配置 软件版本 删除
网关压测-4341	gwstool_4341	📊	在线	上海三区	网关配置 软件版本 删除
网关压测-3750	gwstool_3750	📊	在线	上海三区	网关配置 软件版本 删除

2. Click **Software Version** to view the current software versions of each service and perform one-click upgrades.

### 软件版本 ✕

服务名称	当前版本	最新版本	操作
管理服务	v1.2	v1.2	<a href="#">更新</a>
接入服务	v1.1	v1.1	<a href="#">更新</a>
媒体服务	v1.1	v1.1	<a href="#">更新</a>
录像服务	v1.2	v1.2	<a href="#">更新</a>

注:软件更新版本可能会耗时xx分钟, 您可以关闭窗口稍后刷新页面进行查看

全部更新
取消

3. Click **Gateway Configuration** to view basic information about the gateway and the managed devices.

← gjptest
文档索引

**网关信息**

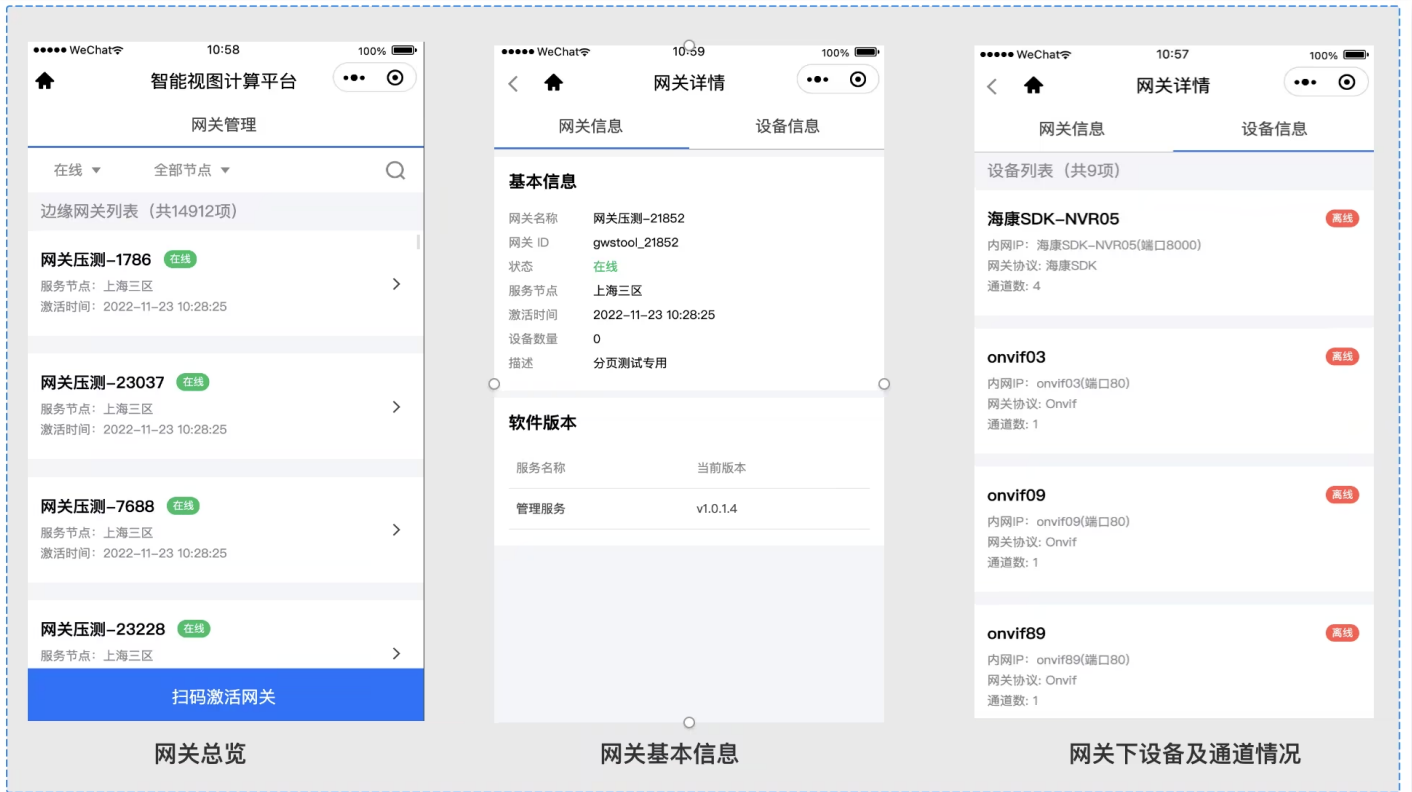
网关名称	gjptest
网关 ID	73cb3b5a9963b31d4843c28c00f31461
服务节点	上海1
描述	20230216

**设备信息**

设备名称	网关协议	设备类型	状态	设备内网IP	设备端口	通道数
网关1	海康SDK	IPC	离线	192.168.2.1	80	0

共 1 条 20 条 / 页 1 / 1 页

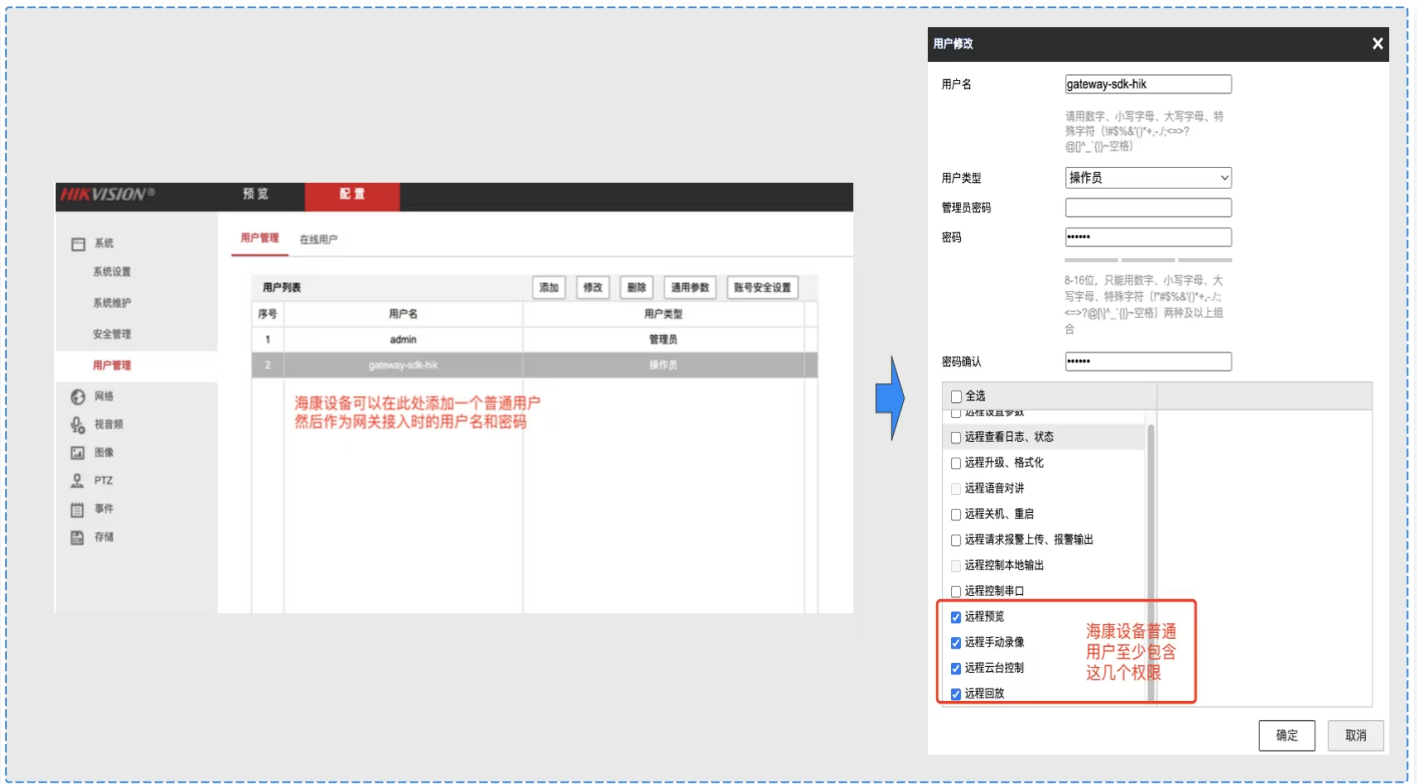
4. You can also click through the mobile **Tencent Cloud Assistant – Mini Program** for convenient gateway management.



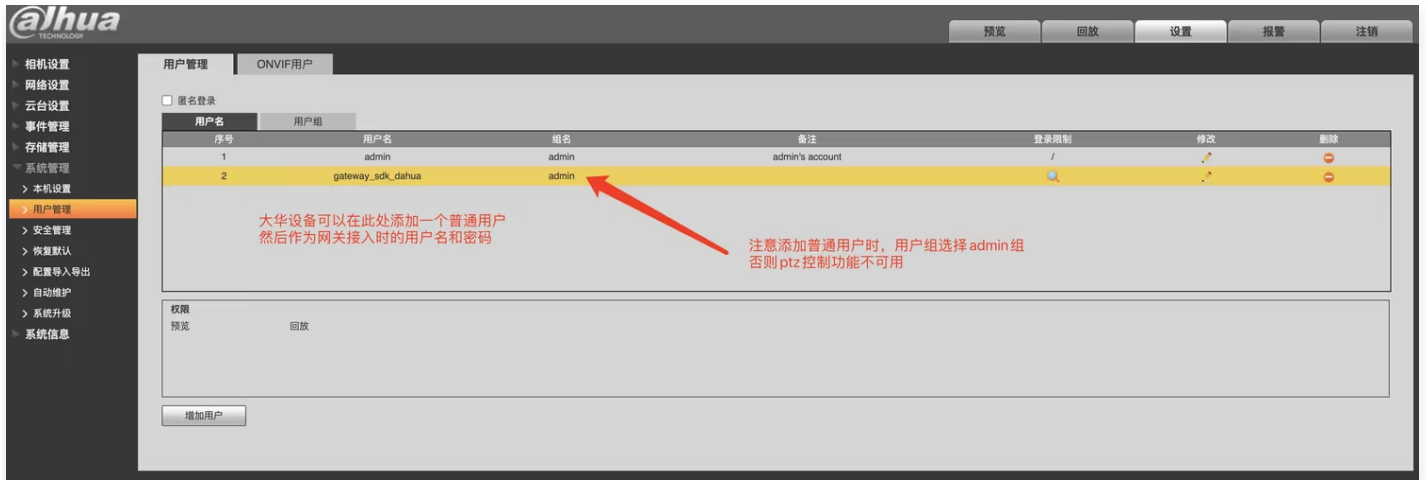
## 3. Integration Considerations

### 3.1 Modifying the username and login password for devices from various brands (e.g., Hikvision/Dahua/Yushi)

1. Hikvision considerations are shown in the figure below (taking IPC as an example, NVR operations are similar).



2. Dahua considerations are shown in the figure below



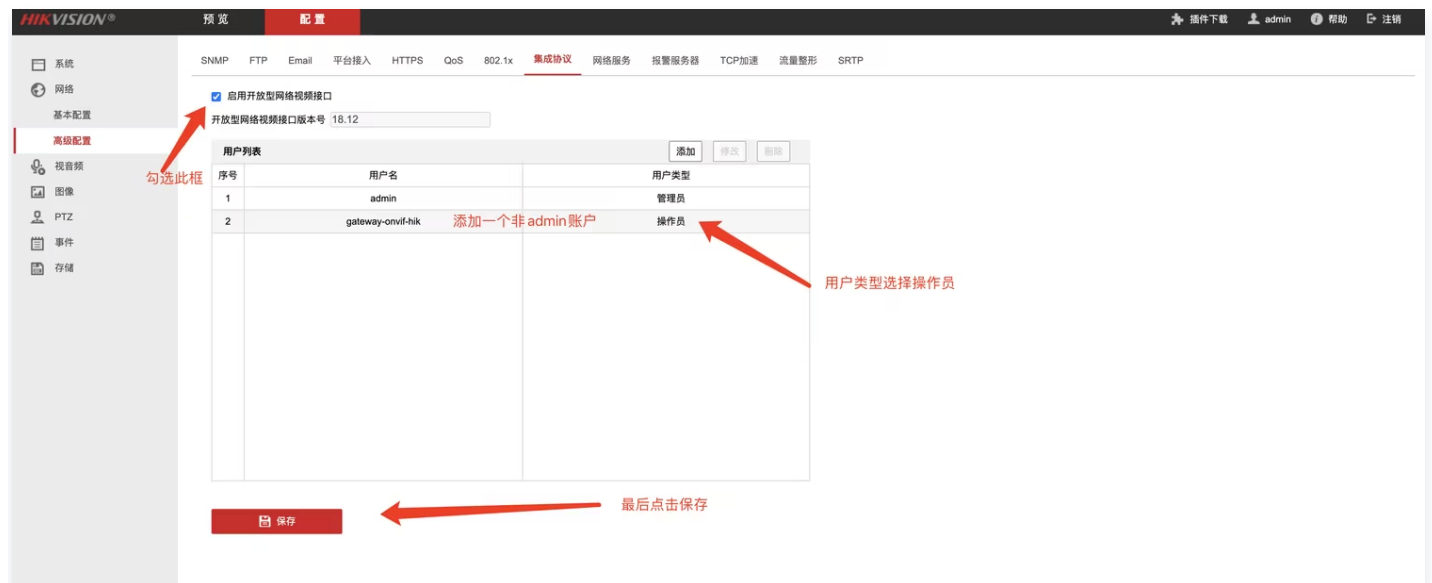
3. Yushi considerations are shown in the figure below



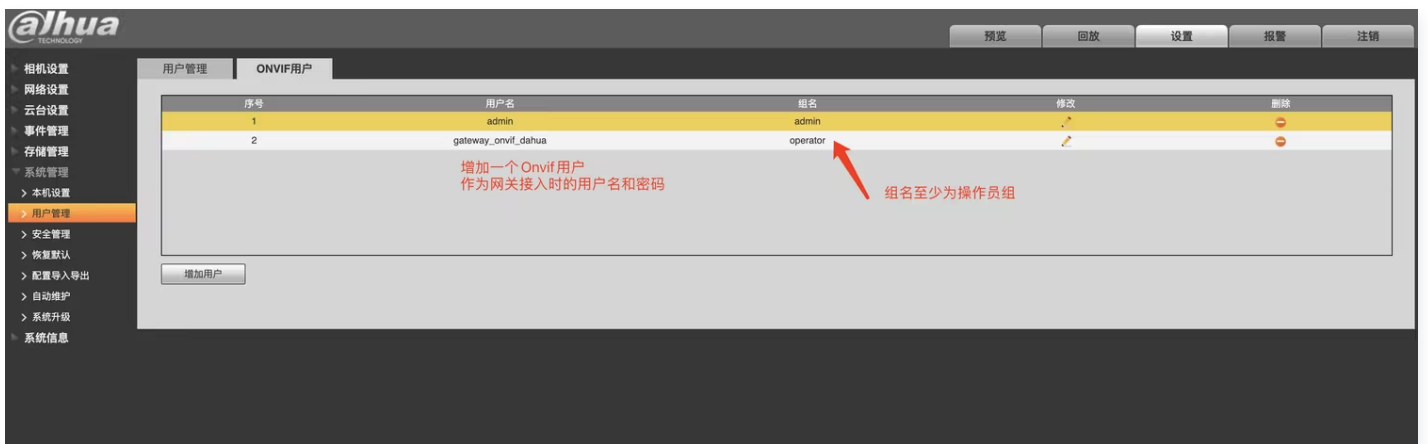
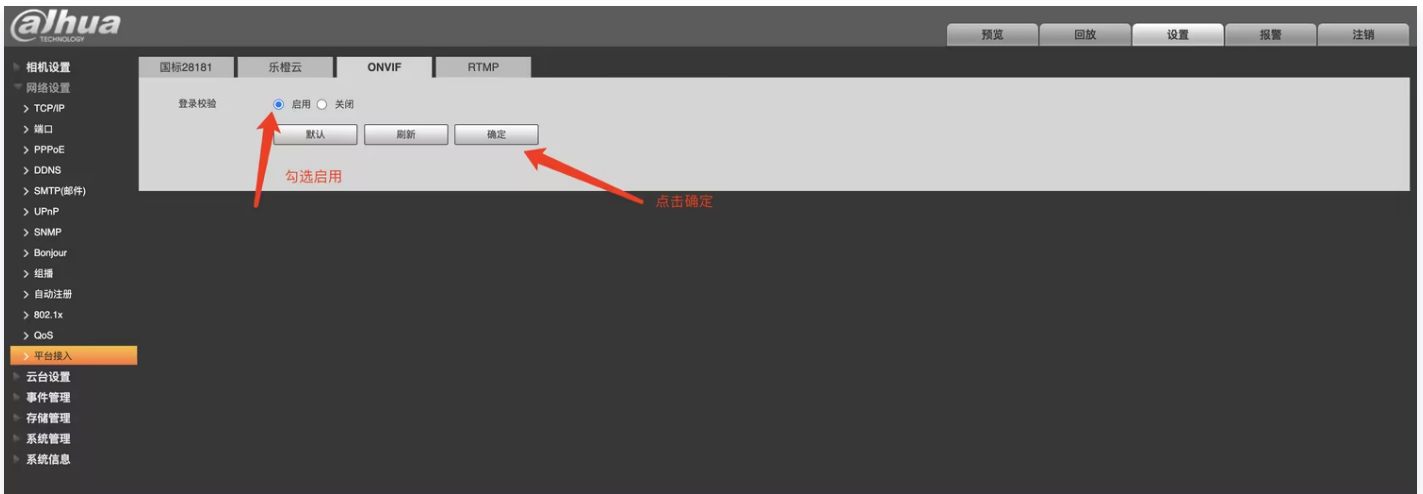
## 3.2 Device configuration considerations when integrating via Onvif Protocol

The Onvif settings method may vary for devices from different manufacturers. The following uses Hikvision/Dahua/Yushi as examples.

1. Hikvision devices require additional operations as shown in the figure below.



2. Dahua devices require operations as shown in the figure below.



### 3. Yushi devices only need to add an ordinary user.



# User permission

Last updated: 2026-03-12 14:57:55

## Overview

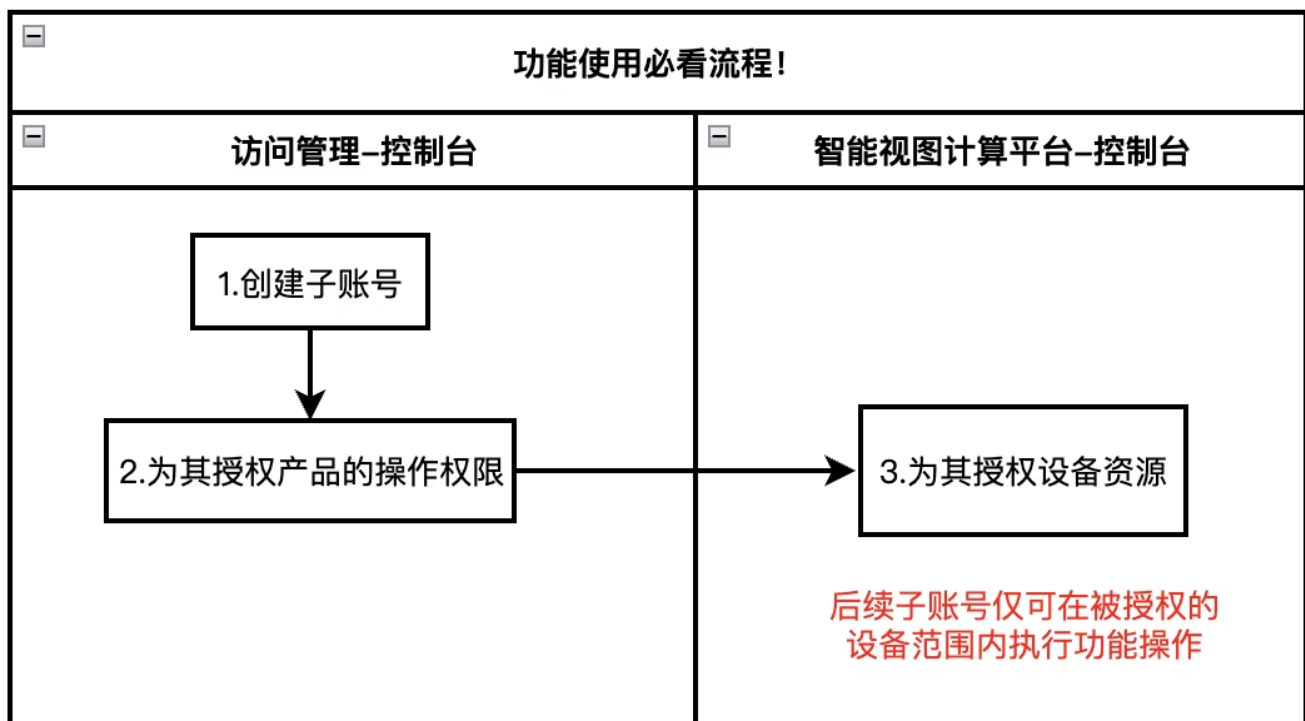
This feature is applicable to scenarios where sub-accounts of personnel at different levels are authorized to operate products and manage device resources.

## Prerequisites

This feature is built on Tencent Cloud Certificate Authority M (Cloud Access Management, CAM) and requires an understanding of concepts such as permissions and policies. For details, see [CAM Operation Guide](#).

### Warning:

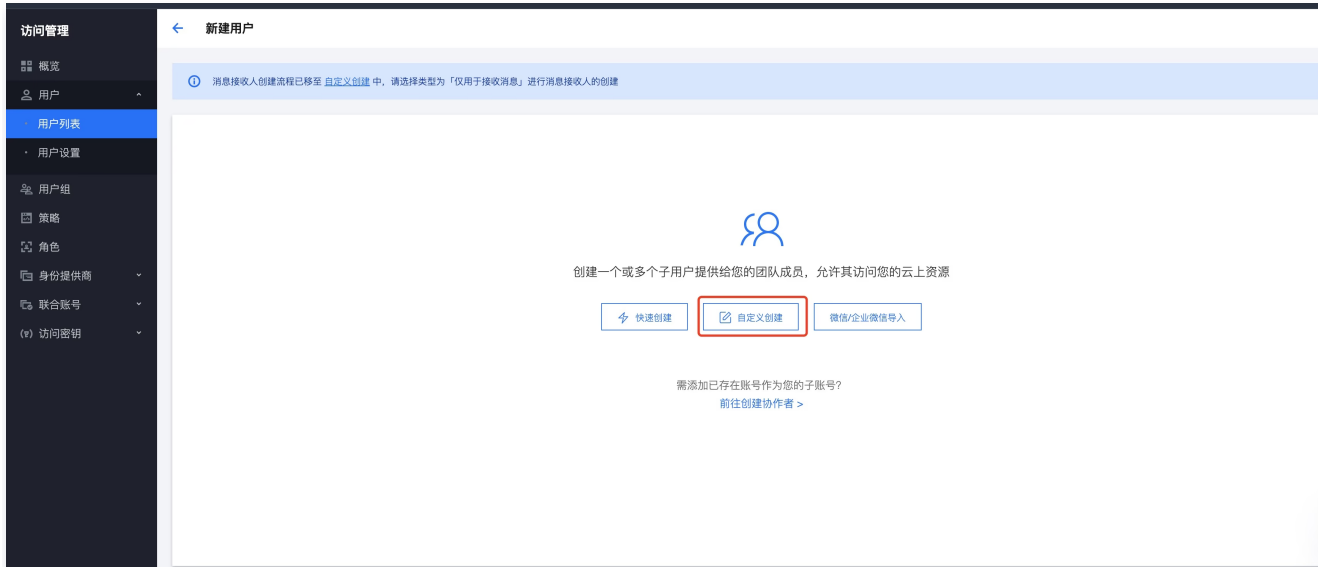
As there are multiple types of sub-accounts in Tencent Cloud, this feature is only available for "Sub-user" types. Other types of sub-accounts are currently not supported.



## Operation step

**Create a sub-account and authorize it to operate products.**

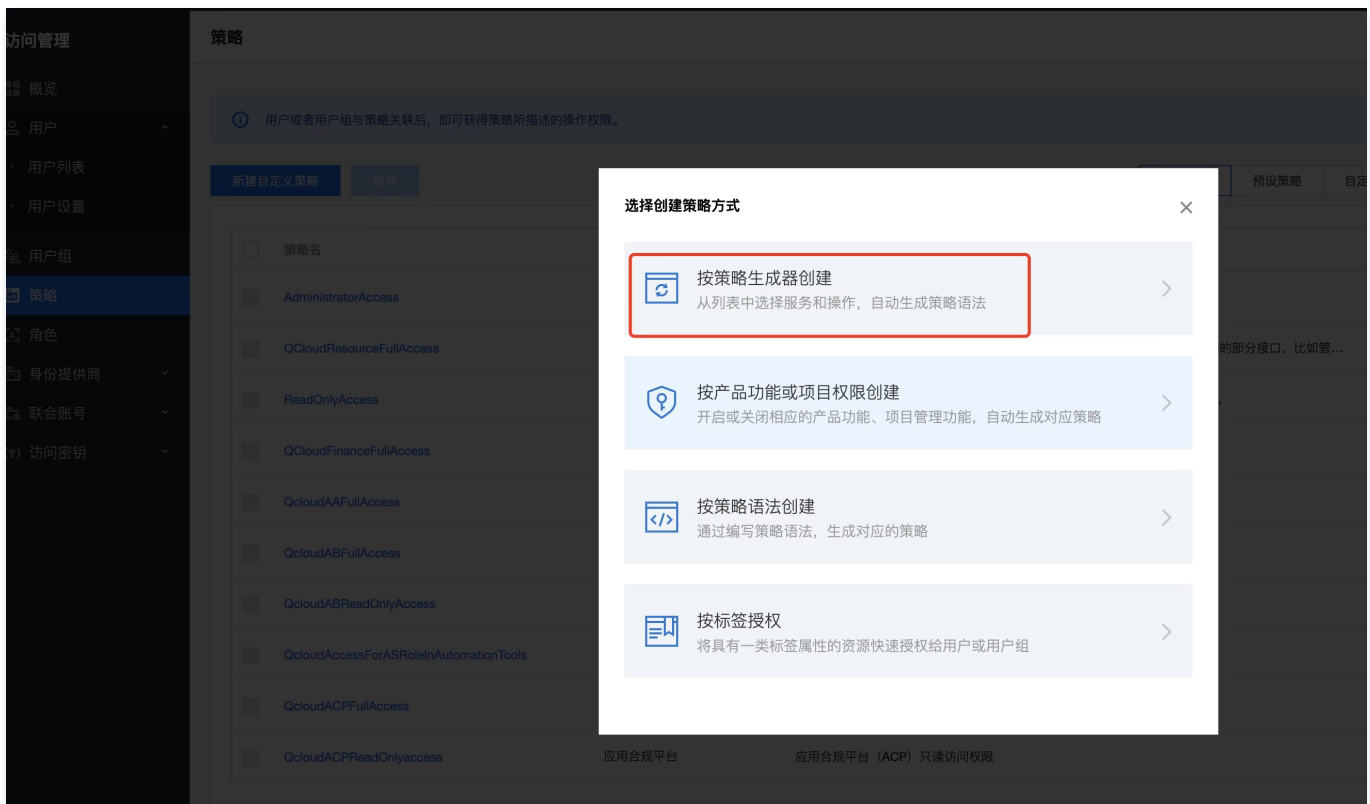
1. Log in to the [CAM console](#), click on **Custom Definition**, and follow the prompts to create a Sub-user. (Typically, this action is performed by the primary account holder, but if a sub-account is authorized to create users in CAM, it can also perform this action.)



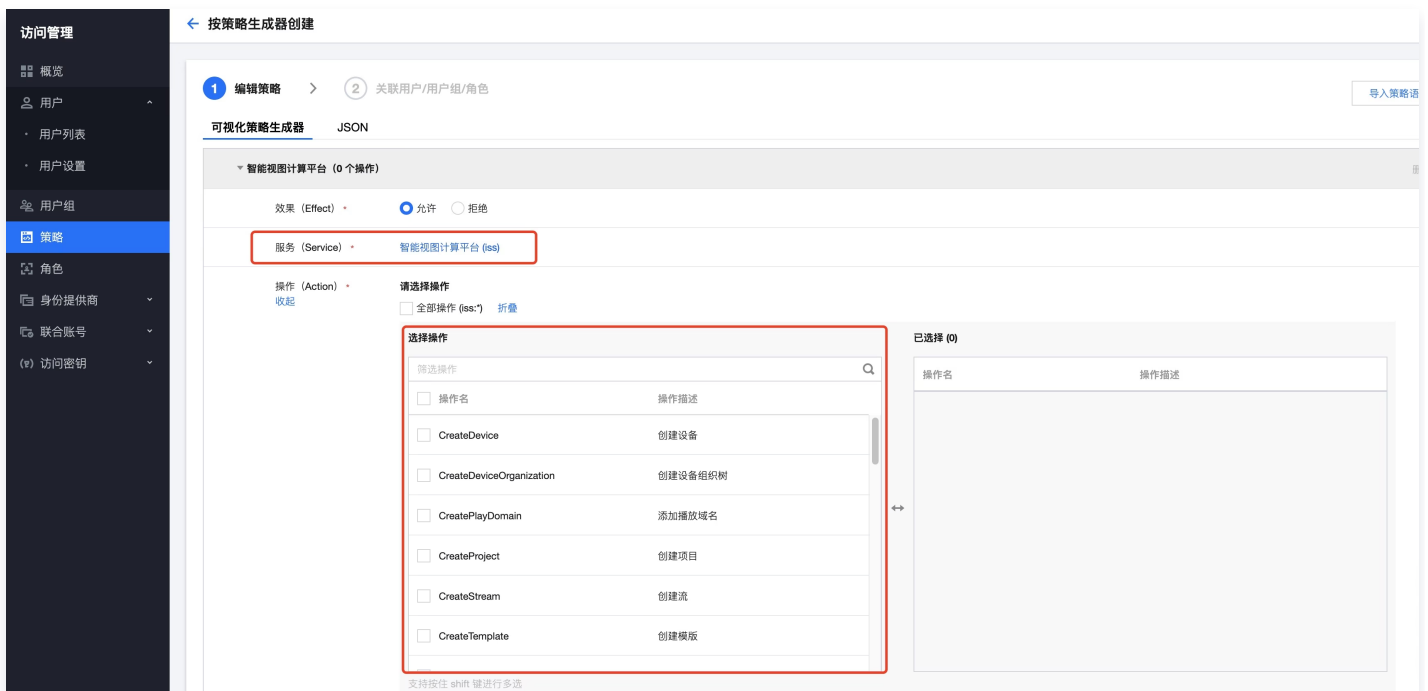
2. In the CAM console, select the **Policy** feature, choose a custom policy, and create it using the policy generator.

**Note:**

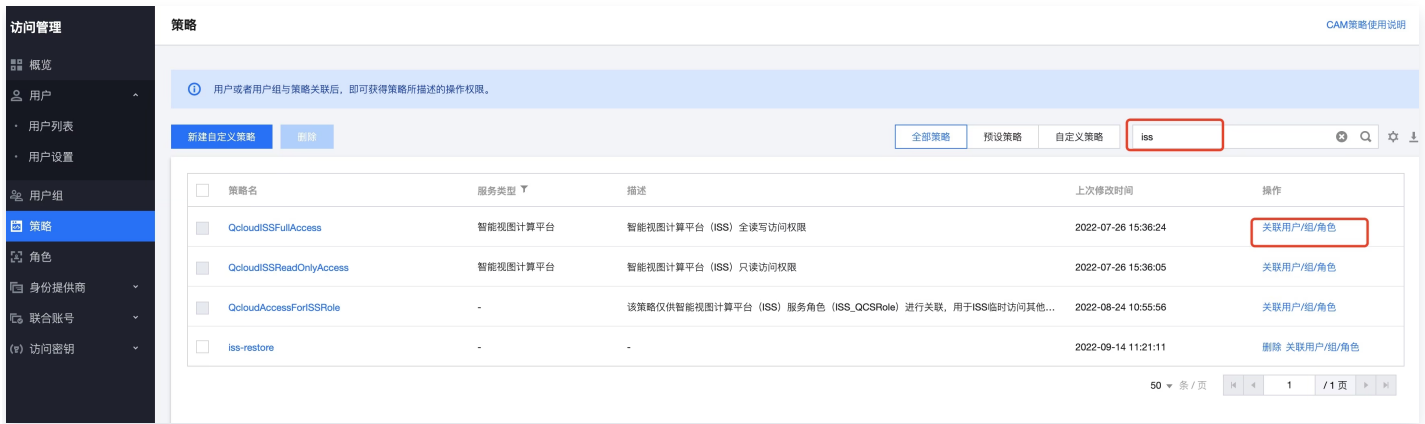
A policy is a collection of one or more operation permissions. For relevant explanations, please see [Tencent Cloud Certificate Authority M CAM-Policy Explanation](#).



3. For product selection, choose ISS (IVC). You can assign different feature operation permissions to your Sub-user based on [authorizing different operation permissions to sub-accounts](#).



4. After the policy is successfully created, you can link it to the Sub-user. At this point, the Sub-user has been granted the product operation permissions you authorized.

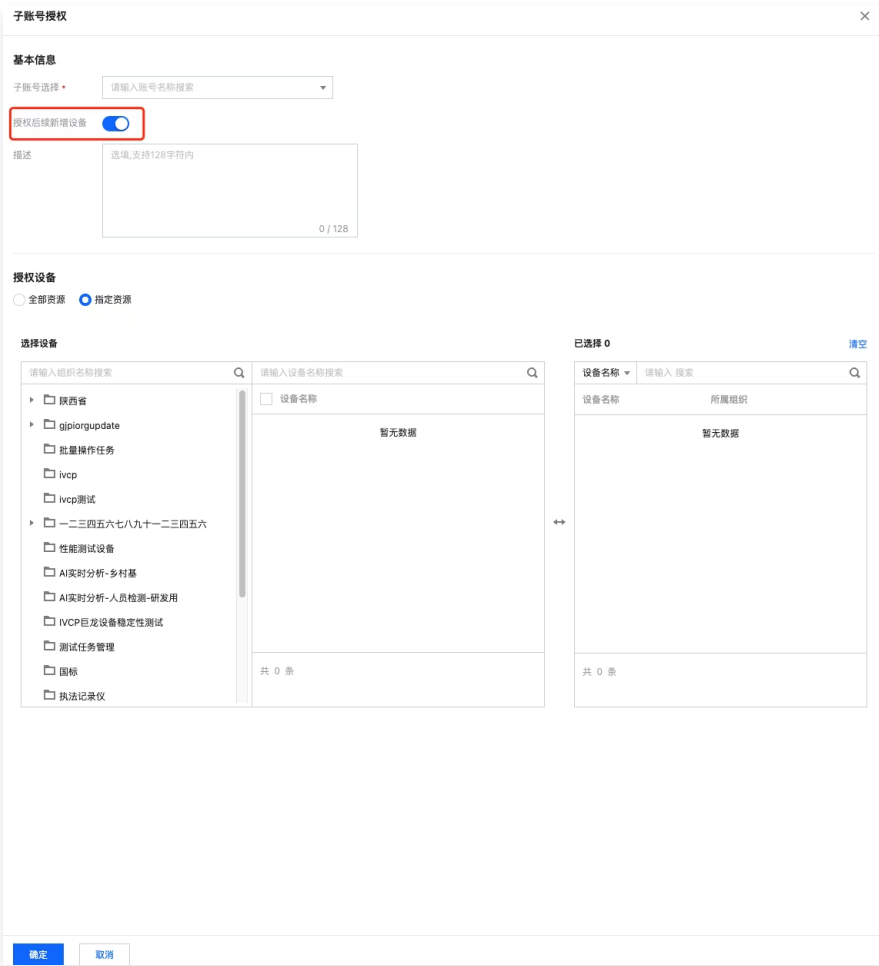


## Authorize sub-account device resources

1. Return to the Intelligent Video Computing console under **User Permissions** feature page. You can click on **Sub-account Authorization** (subsequent operations of the Sub-user will be limited within the authorized device resources).



2. You can enable **authorization for subsequent added devices**, meaning devices added under the main account in the future will automatically be authorized to the sub-account.



3. You can adjust the authorized device resources, such as viewing the device resource information of sub-accounts, unbinding device resources, and managing operation permissions, etc.



# Resource Packs

Last updated: 2024-08-15 09:51:11

## Overview

This feature is mainly used to display the usage consumption of various package bundles or resource packages you have purchased.

### Note:

Currently, we offer various types of resource packages and package bundles to meet different usage scenarios. You can purchase them on the [IVC Purchase Page](#). Later, during product usage, they will be deducted first, but any excess usage will still be billed on a pay-as-you-go basis daily.

## Operation step

1. log in to [IVC Console](#).
2. On the left sidebar, click **Resource Package Management** to enter the resource package management page. Select the resource package or package bundle you have purchased for details.

### 资源包管理

计费概览

包年包月套餐包 一次性购买资源包

包年包月套餐包使用说明如下:

- 购买后立即生效, 未用完额度不累计
- 多个同类型的套餐包支持规格叠加, 但有效时长不叠加, 同时将依据购买时间先后顺序抵扣
- 购买套餐包后, 每日计量统计时会被优先抵扣, 但超出部分依旧会采用按量计费的方式产生账单

购买资源包  仅看有效的资源包

套餐包类型/ID	昨日用量	状态	生效地域	有效期	剩余有效期	操作
接入调阅服务套餐包 domain-01590724	山	生效中	中国大陆通用	2022-07-12 00:00:00 生效 2022-09-12 23:59:59 到期	剩余34天	<a href="#">使用明细</a>
视图存储服务套餐包 domain-01590732	山	生效中	中国大陆通用	2022-07-12 00:00:00 生效 2022-09-12 23:59:59 到期	剩余5天	<a href="#">使用明细</a>
视图存储服务套餐包 domain-01590732	山	已过期	中国大陆通用	2021-07-12 00:00:00 生效 2021-09-12 23:59:59 到期	-	<a href="#">使用明细</a>

3. You can click **Yesterday's usage** to check the specific usage deduction details.

套餐包类型/ID	昨日	有效期	操作
接入调阅服务套餐包 domain-01590724	<b>设备接入用量</b> 昨日抵扣 100路, 每日可抵扣 200路 50%	34天	<a href="#">使用明细</a>
视图存储服务套餐包 domain-01590732	<b>上行接入带宽用量</b> 昨日已抵扣 400Mbps, 每日可抵扣 500Mbps 80%	5天	<a href="#">使用明细</a>
视图存储服务套餐包 domain-01590732	<b>下行播放带宽用量</b> 昨日已抵扣 150Mbps, 每日可抵扣 1000Mbps 15%		<a href="#">使用明细</a>

Click **Usage Details** to view the usage data of various types in the past 30 days.

