

# **Cloud Infinite**

## **Purchase Guide**

### **Product Documentation**



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# Purchase Guide

## Billing Overview

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### Billing Modes

CI is pay-as-you-go (postpaid).

Fees are charged by the **actual usage**. Amounts are deducted and the bill for the previous month is generated on the first day of each month. When you start using CI, you will be charged on a pay-as-you-go basis by default, so you do not need to purchase it.

### Pricing

For CI pricing details, see [Pricing Overview](#).

As the data storage service of CI is based on Cloud Object Storage (COS), the storage fees will be listed on COS bills. For more information, see [COS Pricing Overview](#).

### Amount Freezing Mechanism

After the bill for the current month is settled, 120% of its amount will be frozen for the next month. During settlement the next month, this frozen amount will be unfrozen first for deduction.

### Billable Items

CI billable items include [image processing fees](#), [media processing fees](#), [file processing fees](#), [document processing fees](#), [smart audio fees](#), and [traffic fees](#).

#### Billing Cycle

The billing cycles and sequence of CI billable items are as detailed below:

Billable Item		Billing Cycle	Description	Billing Sequence
Image processing	Basic image processing fees	Monthly	Amounts are deducted and the bill for the previous	Free tier > pay-as-you-go, or only pay-as-you-go in

	Advanced image compression fees		month is generated on the first day of each month.	case of no free tier.
	Guetzli image compression fees			
	Blind watermark fees			
	Abnormal image detection fees			
	Smart image compression fees			
Media processing	Audio/Video transcoding fees	Monthly		
	Top Speed Codec transcoding fees			
	Video montage fees			
	Video enhancement fees			
	Super resolution fees			
	SDR-to-HDR fees			
	Video tagging fees			
	Video metadata acquisition fees			
	Digital watermark fees			
	Video frame capturing fees			
	Intelligent thumbnail fees			
	Video quality scoring fees			
	Video frame interpolation fees			
	Video splitting fees			
Document processing	Document-to-image conversion fees	Monthly		

	Document-to-HTML conversion fees			
	Privacy protection fees			
Smart audio	Voice/Sound separation fees	Monthly		
	Text-to-speech fees			
	Audio noise reduction fees			
	Speech recognition fees			
File processing	File hash calculation fees	Monthly		
	File decompression fees			
	Multi-file zipping fees			
Traffic	CDN origin-pull traffic fees	Monthly		
	Public network outbound traffic fees			

## Related documentation

1. Currently, CI offers free tiers for various features such as image processing, media processing, and document processing. For more information, see [Free Tier](#). For feature or discount details, [contact us](#).
2. For more information on the COS overdue policy (data retention and destruction), see [COS Payment Overdue](#).
3. You can estimate the usage of billable items based on your own business needs and then use the [CI price calculator](#) to calculate fees and export the cost estimate.

# Billing Mode

## Pay-as-You-Go

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CI is pay-as-you-go (postpaid) by default in all regions as described in [Regions and Domain Names](#). Fees are charged monthly by the actual traffic, the amount of basic image processing, and the number of content recognition times.

### Pricing

For detailed **CI** pricing, see [Product Pricing](#). You can estimate the usage of billable items based on your own business needs and then use the [CI price calculator](#) to calculate fees and export the cost estimate.

### Billable Items

CI billable items are as described below:

Billable Item		Description
Image processing	Basic image processing fees	Fees incurred by basic image processing such as image cropping, scaling, watermarking, and information acquisition when you download or persistently store images. Such fees are charged by the processed data volume.
	Advanced image compression fees	Fees incurred by image conversion to formats with a high compression ratio, such as TPG, AVIF, and HEIF. Such fees are charged by the monthly number of uses.
	Guetzli image compression fees	Fees incurred by Guetzli lossless compression of JPG images. Such fees are charged by the monthly number of compression times.
	Blind watermark fees	Fees incurred by blind watermark operations performed on images, including adding and extracting. Such fees are charged by the monthly number of processing times.
	Abnormal image detection fees	Fees incurred by abnormal image detection. Such fees are charged by the number of processing times.
	Smart image compression fees	Fees incurred by smart compression performed on images. Such fees are charged by the number of processing times.

Media processing	Audio/Video transcoding fees	Fees incurred by using audio/video transcoding services, including general transcoding, video-to-animated image conversion, and audio/video splicing. Such fees are charged by the output video duration at different prices for different resolutions.
	Top Speed Codec (TSC) transcoding fees	Fees incurred by using the TSC transcoding service. Such fees are charged by the output video duration at different prices for different resolutions.
	Video montage fees	Fees incurred by using the video montage service. Such fees are charged by the original video duration at different prices for different resolutions.
	Video enhancement fees	Fees incurred by using the video enhancement service. Such fees are charged by the input video duration at different prices for different resolutions.
	Super resolution fees	Fees incurred by using the super resolution service, including basic edition and enhanced edition. Such fees are charged by the output video duration at different prices for different resolutions.
	SDR-to-HDR fees	Fees incurred by using the SDR-to-HDR service. Such fees are charged by the output video duration based on dynamic range conversion.
	Video tagging fees	Fees incurred by using the video tagging service. Such fees are charged by the input video duration. Failed recognitions will not be billed.
	Video metadata acquisition fees	Fees incurred by using the video metadata acquisition service. Such fees are charged by the number of uses.
	Video frame capturing fees	Fees incurred by using the video frame capturing service. Such fees are charged by the number of uses.
	Intelligent thumbnail fees	Fees incurred by using the intelligent thumbnail service. Such fees are charged by the input video duration.
	Digital watermark fees	Fees incurred by using the digital watermark service. Such fees are charged by the output video duration.
	Video quality scoring fees	Fees incurred by using the video quality scoring service. Such fees are charged by the input video duration.
	Video frame interpolation fees	Fees incurred by converting a video with low frame rate into a video with high frame rate. Such fees are charged by the output



		video duration.
	Video splitting fees	Fees incurred by analyzing and understanding a video in multiple dimensions, splitting the video into multiple segments, and returning the boundary time of each segment. Such fees are charged by the input video duration.
Document processing	Document-to-image conversion fees	Fees incurred by using the document-to-image conversion feature in the document preview service. Such fees are charged by the number of successfully converted document pages.
	Document-to-HTML conversion fees	Fees incurred by document-to-HTML conversion in the document preview service. Such fees are charged by the number of successful conversions.
	Privacy protection fees	Fees incurred by detection of privacy data contained in files, such as identity card numbers, license plate numbers, and mobile numbers. Such fees are charged by the size of successfully detected files.
Smart audio	Voice/Sound separation fees	Fees incurred by using the voice/sound separation service. Such fees are charged by the output file duration.
	Text-to-speech fees	Fees incurred by using the text-to-speech service. Such fees are charged by the number of input characters.
	Audio noise reduction fees	Fees incurred by using the audio noise reduction service. Such fees are charged by the audio processing duration.
	Speech recognition fees	Fees incurred by recognizing speeches in recording files and returning the recognized text, including speech recognition and fast speech recognition. Such fees are charged by the monthly duration of recognition.
File processing	File hash calculation fees	Fees incurred by using the file hash calculation service. Such fees are charged by the file size.
	File decompression fees	Fees incurred by using the file decompression service. Such fees are charged by the size of extracted files.
	Multi-file zipping fees	Fees incurred by using the multi-file zipping service. Such fees are charged by the size of files to be zipped.
Traffic	CDN origin-pull traffic fees	Fees incurred by the origin-pull traffic generated during access to CI over CDN.
	Public network outbound traffic fees	Fees incurred by the traffic generated during access to CI at CI domain names.

## Billing Cycle

CI billable items are billed **monthly**. Amounts are deducted and the bill for the previous month is generated on the first day of each month.

## Example

You operate an online image website. Visitors can upload their local images to the website for online image processing and then download the output images. You store the website content in a COS bucket in **Guangzhou region**, use the **CI service**, and enable the CDN acceleration service.

The monthly basic image processing volume is 100 GB, generating CDN origin-pull traffic of 100 GB, Guetzli compression operations of 10,000 times, and blind watermark operations of 10,000 times.

### Monthly fees calculation

Billable Item	Free Tier	Price	Billable Usage	Fees (Price x Billable Usage)
Basic image processing	10 TB	0.01 USD/GB/month	0 GB	0 USD
Guetzli compression	3,000 times	0.15 USD/1,000 times	(10,000 - 3,000) times	1.05 USD
Blind watermarking	3,000 times	0.15 USD/1,000 times	(10,000 - 3,000) times	1.05 USD
CDN origin-pull traffic	10 GB	0.02 USD/GB	(100 - 10) times	1.8 USD
Monthly fees	-	-	-	3.9 USD

# Billable Items

## Image Processing Fees

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CI offers flexible and powerful image processing features, such as rotation, cropping, transcoding, and scaling. It provides multiple image downsizing solutions like Guetzli compression, TPG transcoding, and HEIF transcoding, as well as diversified copyright protection solutions like image/text/blind watermarking. This meets your image processing needs in different business scenarios.

## Image Processing Fees

Image processing fees are divided into **basic image processing fees**, **advanced image compression fees**, **Guetzli image compression fees**, **blind watermark fees**, **abnormal image detection fees**, and **intelligent poster generation fees**, as detailed below:

Billable Item	Description	Billing Cycle	Applicable Billing Mode
Basic image processing fees	Fees incurred by basic image processing such as image cropping, scaling, watermarking, and information acquisition when you download or persistently store images. Such fees are charged by the processed data volume according to the <b>original image size</b> .	Monthly	Pay-as-you-go
Advanced image compression fees	Fees incurred by image conversion to formats with a high compression ratio, such as TPG, AVIF, and HEIF. Such fees are charged by the <b>number of uses</b> .	Monthly	Pay-as-you-go
Guetzli image compression fees	Fees incurred by Guetzli lossless compression of JPG images. Such fees are charged by the <b>number of compression times</b> .	Monthly	Pay-as-you-go
Blind watermark fees	Fees incurred by blind watermark operations performed on images, including adding and extracting. Such fees are charged by the <b>number of processing times</b> .	Monthly	Pay-as-you-go
Abnormal image detection fees	Fees incurred by abnormal image detection. Such fees are charged by the <b>number of processing times</b> .	Monthly	Pay-as-you-go

Intelligent poster generation fees	Fees incurred by multi-type poster generation based on templates. Such fees are charged by the <b>number of processing times</b> .	Monthly	Pay-as-you-go
Smart image compression fees	Fees incurred by smart compression performed on images. Such fees are charged by the <b>number of processing times</b> .	Monthly	Pay-as-you-go

## Image Processing Pricing

Billable Item	Price
Basic image processing	$\leq 10$ TB: Free of charge $> 10$ TB: 0.01 USD/GB
Advanced image compression	TPG: 0.015 USD/1,000 times HEIF: 0.015 USD/1,000 times AVIF: 0.045 USD/1,000 times
Guetzli image compression	0.15 USD/1,000 times
Smart image compression	0.01493 USD/1,000 times
Blind watermark	Adding: 0.15 USD/1,000 times Extracting: 0.15 USD/1,000 times
Abnormal image detection	0.01493 USD/1,000 times

## Billing Example

Suppose you upload a batch of images to a bucket, use CI's image cropping and Guetzli compression features to process the images in real time, and add blind watermarks during upload.

Usage statistics show that the basic image processing usage is 5 TB, the Guetzli compression feature is used 10,000 times, and the blind watermark feature is used 10,000 times. You purchased a 100,000-times image compression resource pack valid for 12 months in the Chinese mainland last month.

The following can be concluded:

Billable Item	Free Tier	Price	Billable Usage	Fees (Price x Billable Usage)

Basic image processing	10 TB	0.01 USD/GB	0 GB	0 USD
Guetzli compression	None.	0.015 USD/1,000 times	10,000 times	$0.015 \times 10 = 0.15$ USD
Blind watermark fees	None	0.15 USD/1,000 times	10,000 times	$0.15 \times 10 = 1.5$ USD
<b>Monthly fees</b>	-	-	-	<b>1.65 USD</b>

**Note:**

CI doesn't bill inbound traffic, so uploading images for real-time processing doesn't incur traffic fees.

Storage fees are charged by COS.

After you understand the composition of image processing fees and the description of billable items, you can evaluate the required amount of resources based on your own business needs and then use the [CI price calculator](#) to calculate fees and export the cost estimate.

# Content Recognition Expenses

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Integrating a plethora of powerful features from Tencent Cloud AI, the Cloud Infinite (CI) provides value-added services like QR code recognition, image tagging, image quality assessment, and face recognition for data in Cloud Object Storage (COS). It has been widely used in many scenarios, including e-commerce websites, social apps, photo apps, video websites, etc., which facilitates effective content management for users.

The content recognition fees include fees of **QR Code Recognition, Image tagging, Assess Quality and Face Recognition** and other services. The details are as follows:

Billing Item	Description	Billing Cycle	Applicable Billing Mode
QR Code Recognition	Fees incurred by QR code recognition performed on images. Such fees are charged by the <b>number of recognition times</b> .	Billed Monthly	Pay-as-you-go
Image Tagging	Fees incurred by using the image tagging service (displayed as content recognition fees in the bill). Such fees are charged by the <b>number of identification times</b> .		
Assess Quality	Fees incurred as a result of performing a quality assessment on images, Such fees are charged by the <b>number of evaluation times</b> .		
Face Recognition	Fees incurred for the recognition of faces depicted in the images, including face detection, special effects (beauty enhancement, gender switch, age transformation, portrait segmentation, etc.). Such fees are charged by the <b>number of recognition times</b> .		
Liveness Recognition	Fees incurred for conducting Electronic Know Your Customer (eKYC) on images. Such fees are charged by <b>number of successful API calls</b> .		
Recognize Car	Fees incurred for the execution of VEHICLEOCR on images, which includes: license plate detection and vehicle detection. Such fees are charged by the <b>number of recognition times</b> .		
ID Card OCR	Fees incurred by executing OCR on images, encompassing General Text Recognition (General Basic OCR、General Accurate OCR、General Efficient		

	OCR、Handwriting OCR). Such fees are charged by the <b>number of identification times</b> .	
Image Search	Fees incurred by searching for images, including image indexing and image search. Such fees are charged by the <b>number of image processing times</b> .	
Image Repair	Fees incurred by image repair. Such fees are charged by the <b>number of usages</b> .	
AI General Matting	Fees incurred by image matting performed on images. Such fees are charged by the <b>number of usage times</b> .	
Logo Recognition	Fees incurred by recognizing logos in the images. Such fees are charged by the <b>number of recognition times</b> .	
Speech Analysis	Fees incurred by analyzing textual content and offering functions such as word segmentation and part-of-speech tagging. Such fees are charged by the <b>number of usage times</b> .	
Body Recognition	Fees incurred by recognizing human bodies in the images. Such fees are charged by the <b>number of recognition</b> .	
Text Translation	Fees incurred by the translation of documents and text. Such fees are charged by the <b>number of translated characters</b> .	
Image Translation	Fees incurred by translating images. Such fees are charged by the <b>number of image translation times</b> .	
Image Super Resolution	Fees incurred by reconstructing a high-resolution image from a low-resolution one. Such fees are charged by the <b>number of image processing times</b> .	
Segment Video Body	Fees incurred by analyzing the input video, identifying the portrait area segmentation and generating output videos. Such fees are charged by the <b>duration of the output video</b> .	
Image Enhance	Fees incurred by overall image enhancements. Such fees are charged by the <b>number of image processing times</b> .	
Colorize Image	Fees incurred by coloring black and white images with one click. Such fees are charged by the <b>number of image processing times</b> .	

Change Image Size	Fees incurred by using intelligent analysis to identify the main content in an image and cropping it to fit various size requirements. Such fees are charged by the <b>number of image processing times</b> .		
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**Note:**

The billing components of content recognition adopts a progressive tiered pricing structure, with prices varying with different usage volumes.

For instance: If User A has made 30,000 identity card recognition requests this month, the actual fee would be:  $10,000 * 0.0237 + (30,000 - 10,000) * 0.0158 = 589$  USD.

## Pricing

### Image tagging

Number of Monthly Reviewed Images(N)	Price
$N \leq 3$ million	0.22 USD/1,000 images
$3 \text{ million} < N \leq 15 \text{ million}$	0.2 USD/1,000 images
$15 \text{ million} < N \leq 30 \text{ million}$	0.18 USD/1,000 images
$N > 30$ million	0.16 USD/1,000 images

**Note:**

Image tagging adopts a scoring mechanism, with a score of between 0 and 100 for each image.

### Assess Quality

Monthly assessment volume	Price
$0 < \text{assessment volume} \leq 1$ million	0.45 USD/1,000 times
$1 \text{ million} < \text{assessment volume} \leq 3$ million	0.37 USD/1,000 times
$3 \text{ million} < \text{assessment volume} \leq 15$ million	0.3 USD/1,000 times



Assessment volume > 15 million	0.22 USD/1,000 times
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## Face Recognition

### Detect Face

Monthly Detection Volume	Price
$0 < \text{detection volume} \leq 3 \text{ million}$	0.5 USD/1,000 times
$3 \text{ million} < \text{detection volume} \leq 15 \text{ million}$	0.4 USD/1,000 times
Detection volume > 15 million	0.3 USD/1,000 times

### Face Effects

Monthly Call Volume	Price
$0 < \text{calls} \leq 10,000$	1.58 USD/1,000 times
$10,000 < \text{calls} \leq 100,000$	1.42 USD/1,000 times
$100,000 < \text{calls} \leq 1 \text{ million}$	1.27 USD/1,000 times
Calls > 1 million	1.11 USD/1,000 times

## Liveness Recognition

Monthly Call Volume	Price
$0 < \text{calls} \leq 1000$	0.1582 USD/call
$1000 < \text{calls} \leq 10,000$	0.1345 USD/call
$10,000 < \text{calls} \leq 100,000$	0.1187 USD/call
Calls > 100,000	0.1076 USD/call

## Recognize Car

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Monthly Recognition Volume	Price
$0 < \text{recognition volume} \leq 1 \text{ million}$	0.43 USD/1,000 times
$1 \text{ million} < \text{recognition volume} \leq 3 \text{ million}$	0.36 USD/1,000 times
$3 \text{ million} < \text{recognition volume} \leq 15 \text{ million}$	0.29 USD/1,000 times
Recognition volume $> 15 \text{ million}$	0.21 USD/1,000 times

## ID Card OCR

### General Text Recognition

Recognition Type	$0 < \text{Calls} \leq 10,000$	$10,000 < \text{Calls} \leq 100,000$	Above 100,000
General basic OCR	0.021 USD/call	0.014 USD/call	0.0085 USD/call
General accurate OCR	0.071 USD/call	0.05 USD/call	0.028 USD/call
General efficient OCR	0.012 USD/call	0.007 USD/call	0.0045 USD/call
Handwriting OCR	0.0224 USD/call	0.0149 USD/call	0.009 USD/call

#### Note:

The price varies with different recognition types.

### Card Certificate Recognition (General Billable Item)

Monthly Recognition Volume	Price
$0 < \text{recognition volume} \leq 10,000$	0.0237 USD/call
$10,000 < \text{recognition volume} \leq 100,000$	0.0158 USD/call
Recognition volume $> 100,000$	0.009 USD/call

#### Note:

Both ID card recognition and driving license recognition utilize the card recognition billable item.

## Image Search

### Image Indexing

Monthly Detection Volume	Price
$0 < \text{detection volume} \leq 999,999$	0.00194 USD/image
$999,999 < \text{detection volume} \leq 2,999,999$	0.00149 USD/image
$2,999,999 < \text{detection volume} \leq 14,999,999$	0.00119 USD/image
Detection volume $> 14,999,999$	0.00112 USD/image

## Image Search

Monthly Detection Volume	Price
$0 < \text{detection volume} \leq 999,999$	0.00224 USD/call
$999,999 < \text{detection volume} \leq 2,999,999$	0.00201 USD/call
$2,999,999 < \text{detection volume} \leq 14,999,999$	0.00179 USD/call
Detection volume $> 14,999,999$	0.00149 USD/call

## Other

Billable Item	Price
QR Code Recognition	0.1493 USD/1,000 times
Image Repair	0.0052 USD/call
AI General Matting	0.003 USD/call
Logo Recognition	0.4478 USD/1,000 times
Speech Analysis	0.0003 USD/call
Body Recognition	0.2985 USD/1,000 times
Pet Identification	0.1493 USD/1,000 times
Text Translation	4.478 USD per 1 million characters
Image Translation	0.004478 USD/call
Image Super Resolution	0.0009 USD/call

Segment Video Body	0.1791 USD/min
Colorize Image	0.8955 USD/1,000 times
Image Enhance	1.194 USD/1,000 times
Change Image Size	0.2985 USD/1,000 times

## Billing Examples

### Requirements

Suppose that user A uploads a batch of images into a bucket, utilizes the content recognition service of CI, and activates the CDN acceleration service. According to usage statistics, the content recognition service has performed 30,000 times of QR code recognition, 10,000 times of face effects, and 10,000 times of ID card recognition, generating 100 GB of CDN origin-pull traffic this month.

### Monthly Fees Calculation

Billable Item	Free Usage	Unit Price	Billable Usage	Fees (Unit Price * Billable Usage)
QR Code Recognition Fees	No	0.1493 USD/1,000 times	30,000 times	4.479 USD
Face Effect Fees	No	1.58 USD/1,000 times	10,000 times	15.8 USD
ID Card Recognition Fees	No	0.0237 USD/call	10,000 times	237 USD
CDN Origin-Pull Fees	10 GB	0.02 USD/GB	100GB	2 USD
<b>Monthly Fees</b>	-	-	-	259.279 USD

**Note:**

The billing sequence for CI is: free usage > pay-as-you-go.

Storage fees are charged by [COS billing](#).

After understanding the structure of content recognition fees and instructions regarding billable items, you can assess the amount of resources according to your business needs, then use the [CI price calculator](#) for calculation, and finally export the budget list.

# Content Moderation Fees

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The Cloud Infinite (CI) provides users with secure and intelligent content moderation services of files including images, videos, voice and texts to assists them to effectively identify the pornographic and illegal files as well as advertising, and avoid operational risks.

Content moderation fees are divided into **image moderation**, **text moderation**, **video moderation**, **audio moderation**, **live streaming moderation**, **document moderation** and **webpage moderation** fees according to the types of moderations. See the details below:

Billable Item	Description	Billing Cycle	Applicable Billing Mode
Image moderation	Fees generated by using the image moderation function, which are charged by the <b>number of image moderation</b> .	Monthly settlement	Pay-as-you-go
Text moderation	Fees generated by using the TAS function, which are charged by the <b>piece for moderation each month</b> .		
Video moderation	Fees generated by using the MAS function including <b>video frame capture moderation</b> , <b>video frame capture</b> , and <b>audio sound moderation</b> .		
Audio moderation	Fees generated by using the AAS function, which are charged by the <b>total duration of audio moderated each month</b> .		
Live streaming moderation	Fees generated by using the live streaming moderation function including <b>live streaming image moderation fees</b> and <b>live streaming audio moderation fees</b> .		
Document moderation	Fees are generated by using the DAS function including <b>document page moderation</b> and <b>document processing</b> .		
Webpage moderation	Fees are generated by using the webpage moderation function cluding <b>Webpage-internal IMGA</b> and <b>Webpage-internal TAS</b> .		

Human moderation	The TMS team offers a secondary manual moderation for the content deemed sensitive by the machine moderation, the fees for which are charged by the <b>number of moderation</b> .	Daily settlement	Pay-as-you-go
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## Pricing

The price for content moderation varies with moderation types and methods, as shown below:

**Auto-moderation** means that users pre-configure the content moderation function. After users upload data to a bucket, we will automatically moderate the data.

**Historical data moderation** refers to the moderation of the existing historical data of users. Upon creating a historical data moderation task by users, the backend will initiate a batch moderation of the specified data. Historical data moderation will automatically schedule the moderation situation of the backend, the moderation resource of which will give priority to automatic moderation service. As it mainly uses spare backend resources for historical data moderation, the pricing is comparatively lower than **auto-moderation**.

**Human moderation**, different from machine moderation, is provided by the TMS team, who performs a secondary moderation for the content deemed sensitive by machine moderation.

### Image Moderation

Both using **automatic data moderation** method and using **API calls** for moderation will generate **image content moderation** fees.

Conducting moderation via **historical data moderation** method will generate **image content moderation - off-peak** fees.

#### Image Content Moderation

Monthly Moderation Duration (N)	Price
$N \leq 3$ million	0.22 USD/1,000 times
$3 \text{ million} < N \leq 15$ million	0.20 USD/1,000 times
$15 \text{ million} < N \leq 30$ million	0.18 USD/1,000 times
$N > 30$ million	0.16 USD/1,000 times

#### Image Content Moderation - Off-Peak

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Monthly Moderation Duration (N)	Price
$N \leq 3$ million	0.067 USD/1,000 times
$3 \text{ million} < N \leq 15$ million	0.06 USD/1,000 times
$15 \text{ million} < N \leq 30$ million	0.058 USD/1,000 times
$N > 30$ million	0.049 USD/1,000 times

**Note:**

Image moderation includes moderation of various scenarios, with **each scenario billed separately**. For instance, if you select both pornographic and advertising scenarios, it will be calculated as two scenarios of moderation.

**Text Moderation**

Both using **automatic data moderation** method and using **API calls** for moderation will generate **text content moderation** fees.

Conducting moderation via **historical data moderation** method will generate **text content moderation - off-peak** fees.

**Text Content Moderation**

Monthly Moderation Duration (N)	Price
$N \leq 500,000$ entries	0.33 USD/1,000 entries
$500,000 \text{ entries} < N \leq 3,000,000$ entries	0.29 USD/1,000 entries
$3,000,000 \text{ entries} < N \leq 15,000,000$ entries	0.26 USD/1,000 entries
$15,000,000 \text{ entries} < N \leq 30,000,000$ entries	0.19 USD/1,000 entries
$N > 30,000,000$ entries	0.15 USD/1,000 entries

**Text Content Moderation - Off-peak**

Monthly Moderation Duration (N)	Price
$N \leq 500,000$ entries	0.1 USD/1,000 entries
$500,000 \text{ entries} < N \leq 3,000,000$ entries	0.085 USD/1,000 entries
$3,000,000 \text{ entries} < N \leq 15,000,000$ entries	0.078 USD/1,000 entries



15,000,000 entries < N ≤ 30,000,000 entries	0.056 USD/1,000 entries
N > 30,000,000 entries	0.044 USD/1,000 entries

**Note:**

TAS is billed according to the pieces. Each piece is calculated as 10,000 UTF-8 encoded characters. If it is less than one piece, it will be billed as one piece. Text moderation is charged according to the number of pieces, every 10,000 utf8 encoded characters is counted as one, less than one is counted as one.

TAS moderation includes moderation of various scenarios, with **each scenario billed separately**. For instance, if you select both pornographic and advertising scenarios, this will be calculated as two scenarios of moderation.

## Video Moderation

Video moderation is comprised of **video frame capture moderation**, **video frame capture**, and **audio sound moderation**. See the details below:

Video frame capture moderation: It is based on the ability to capture video frames. The video is taken apart into individual screenshots for moderation, with the fee being consistent with that of image moderation.

Video frame capture: The corresponding [Video frame capture fees](#) will be incurred.

Audio sound moderation: The audio portion is isolated from the video for audio moderation. The fee is consistent with that of audio moderation.

**Note:**

Both using **automatic data moderation** method and using **API calls** for moderation will generate **content moderation** fees.

Conducting moderation via **historical data moderation** method will generate **content moderation - off-peak** fees. Video moderation can moderate various scenarios, with **each scenario billed separately**. For instance, if you select both pornographic and advertising scenarios, this will be calculated as two scenarios of moderation.

## Audio Moderation

Both using **automatic data moderation** method and using **API calls** for moderation will generate **audio content moderation** fees.

Conducting moderation via **historical data moderation** method will generate **audio content moderation - off-peak** fees.

## Audio Content Moderation

Monthly Moderation Duration (N)	Price

$N \leq 1500$ hours	0.136 USD/hour
$1500 \text{ hours} < N \leq 5000$ hours	0.12 USD/hour
$5000 \text{ hours} < N \leq 20000$ hours	0.106 USD/hour
$20000 \text{ hours} < N \leq 100000$ hours	0.09 USD/hour
$N > 100000$ hours	0.076 USD/hour

### Audio Content Moderation - Off-Peak

Monthly Moderation Duration (N)	Price
$N \leq 1500$ hours	0.04 USD/hour
$1500 \text{ hours} < N \leq 5000$ hours	0.036 USD/hour
$5000 \text{ hours} < N \leq 20000$ hours	0.31 USD/hour
$20000 \text{ hours} < N \leq 100000$ hours	0.027 USD/hour
$N > 100000$ hours	0.022 USD/hour

#### Note:

Audio content moderation can moderate various scenarios, with **each scenario billed separately**. For instance, if you select both pornographic and advertising scenarios, it will be calculated as two scenarios of moderation.

## Live Streaming Moderation

Live streaming moderation is divided into **Live Video Moderation** and **Live Audio Moderation**, which are shown as follows:

Live video moderation: The live streaming is captured as multiple images for moderation, without any additional frame capture fees. See the table below for moderation fees.

Live audio moderation: The audio is separated from the live streaming and cut into multiple audio clips for AAS, without additional cost of separation and cutting. See the table below for moderation fees.

Moderation Type	Price
Live video moderation	0.47 USD/1,000 images
Live audio moderation	0.315 USD/hour

**Note:**

Live moderation can moderate various scenes, and **the billing method remains the same regardless of the scenario you select**. For instance, if you select both pornographic and advertising scenarios, moderate one live screenshot will be counted as one moderation.

**Document Moderation**

DAS is divided into **document page moderation** and **document processing**. See the details below:

Document page moderation: Based on document processing capability, it preprocesses and converts all the pages of a document into images for moderation. Moderation fees are consistent with those of image moderation.

Document processing: This will generate corresponding [Document-to-image conversion fees](#).

**Note:**

Both using **automatic data moderation** method and using **API calls** for moderation will generate **content moderation** fees.

Conducting moderation via **historical data moderation** method will generate **content moderation - off-peak** fees. DAS supports moderation in numerous scenarios, with **each scenario billed separately**. For instance, if you select both pornographic and advertising scenarios, it will be calculated as two scenarios of moderation.

**Webpage Moderation**

Webpage moderation is divided into **Webpage-internal IMGA** and **Webpage-internal TAS**. See the details below:

Webpage-internal IMGA: It refers to the moderation of images within the webpage. The moderation fees are the same with image moderation fees.

Webpage-internal TAS: It refers to the moderation of texts within the webpage. The moderation fees are the same with TAS fees.

**Note:**

Webpage moderation can moderate various scenarios, with **each scenario billed separately**. For instance, if you select both pornographic and advertising scenarios, it will be calculated as two scenarios of moderation.

**Manual Moderation**

The manual moderation service is provided by TMS team, ensuring the reliability of the moderation results. For pricing, please refer to the table below:

Moderation Type	Price
Manual Moderation	10 USD/1,000 times

**Note:**

In the manual text moderation, every 10,000 UTF-8 encoded characters are counted as one piece of moderation. If less than one piece, it is still calculated as one piece.

## Billing Example

**Requirements**

User A used the historical data moderation service to moderate 100,000 images in a bucket for pornographic and advertising scenarios. Later, He used the automated moderation function to moderate an additional 10,000 images in the same scenarios.

**Fee Calculation**

Billable Item	Usage	Free Usage	Unit Price	Billing Usage	Fees (Unit Price * Billing Usage)
Image content moderation - off-peak	100,000 images	No	0.067 USD/1,000 times	100,000*2	$100 * 2 * 0.067 = 13.4$ USD
Image content moderation	10,000 images	No	0.22 USD/1,000 times	10,000*2	$10 * 2 * 0.22 = 4.4$ USD
Monthly fees	-	-	-	-	17.8 USD

**Note**

Image moderation fees = Image unit price x number of moderation scenarios x number of images.

Upon understanding the component of content moderation fees and the description of billable items, you can evaluate the amount of resources according to your business needs, then use the [CI price calculator](#) for calculation and subsequently export the budget list.

# Media Processing Fees

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CI provides a rich set of basic video processing services, such as video frame capturing, video-to-animated image conversion, file transcoding, video metadata acquisition, and audio/video splicing. In addition, by leveraging Tencent Cloud's advanced AI technologies, it can analyze video content to intelligently select the optimal key frame as the video thumbnail, which can effectively improve the video click rate and visual experience.

## Media Processing Fees

Media processing fees refer to fees incurred by using video frame capturing, video metadata acquisition, video-to-animated image conversion, audio/video transcoding, and other media processing features as detailed below. For more information, see [Media Processing Service](#).

Billable Item	Description	Billing Cycle	Applicable Billing Mode
Audio/Video transcoding fees	Fees incurred by using audio/video transcoding services, including general transcoding, accelerated transcoding, video-to-animated image conversion, and audio/video splicing. Such fees are charged by the <b>output video duration</b> at different prices for different resolutions.	Monthly	Pay-as-you-go
Top Speed Codec (TSC) transcoding fees	Fees incurred by using the TSC transcoding service. Such fees are charged by the <b>output video duration</b> at different prices for different resolutions.	Monthly	Pay-as-you-go
Video montage fees	Fees incurred by using the video montage service. Such fees are charged by the <b>input video duration</b> at different prices for different resolutions.	Monthly	Pay-as-you-go
Video enhancement fees	Fees incurred by using the video enhancement service. Such fees are charged by the <b>input video duration</b> at different prices for different resolutions.	Monthly	Pay-as-you-go
Super resolution fees	Fees incurred by using the super resolution service, including basic edition and enhanced edition. Such fees are charged by the <b>output video duration</b> at different prices for different resolutions.	Monthly	Pay-as-you-go

SDR-to-HDR fees	Fees incurred by using the SDR-to-HDR service. Such fees are charged by the <b>output video duration</b> based on dynamic range conversion.	Monthly	Pay-as-you-go
Video tagging fees	Fees incurred by using the video tagging service. Such fees are charged by the <b>input video duration</b> . Failed recognitions will not be billed.	Monthly	Pay-as-you-go
Video metadata acquisition fees	Fees incurred by using the video metadata acquisition service. Such fees are charged by the <b>number of uses</b> .	Monthly	Pay-as-you-go
Video frame capturing fees	Fees incurred by using the video frame capturing service. Such fees are charged by the <b>number of uses</b> .	Monthly	Pay-as-you-go
Intelligent thumbnail fees	Fees incurred by using the intelligent thumbnail service. Such fees are charged by the <b>input video duration</b> .	Monthly	Pay-as-you-go
Digital watermark fees	Fees incurred by using the digital watermark service. Such fees are charged by the <b>output video duration</b> .	Monthly	Pay-as-you-go
Video quality scoring fees	Fees incurred by using the video quality scoring service. Such fees are charged by the <b>input video duration</b> .	Monthly	Pay-as-you-go
Video frame interpolation fees	Fees incurred by converting a video with low frame rate into a video with high frame rate. Such fees are charged by the <b>output video duration</b> .	Monthly	Pay-as-you-go
Video splitting fees	Fees incurred by analyzing and understanding a video in multiple dimensions, splitting the video into multiple segments, and returning the boundary time of each segment. Such fees are charged by the <b>input video duration</b> .	Monthly	Pay-as-you-go

**Note**

For a billable item charged by minute, it is billed based on the actual duration if it is used less than one minute.

## Media Processing Pricing

### Audio/Video transcoding pricing

Prices vary by region, codec, and audio/video transcoding type (general transcoding, video-to-animated image conversion, or audio/video splicing) as follows:

Codec	Resolution	Chinese Mainland (USD/Min)	Silicon Valley (USD/Min)	Mumbai, Seoul, Bangkok, Hong Kong (China), Tokyo, Toronto, Frankfurt, and Singapore (USD/Min)
Remuxing	-	0.001	0.002	0.00295
Audio only	-	0.0008	0.00149	0.0019
H.264 audio/video proxy	SD (640 x 480)	0.0023	0.0023	0.00707
	HD (1280 x 720)	0.0046	0.0049	0.01
	FHD (1920 x 1080)	0.0094	0.0095	0.0219
	2K (2560 x 1440)	0.02	0.0206	0.0339
	4K (3840 x 2160)	0.04088	0.0427	0.0458
VP8	SD (640 x 480)	0.00268	0.00269	0.07
	HD (1280 x 720)	0.00507	0.0052	0.01
	FHD (1920 x 1080)	0.0097	0.00985	0.0223
	2K (2560 x 1440)	0.0194	0.02	0.0358
	4K (3840 x 2160)	0.0432	0.046	0.0507
VP9	SD (640 x 480)	0.0036	0.00365	0.00365
	HD (1280 x 720)	0.00588	0.00588	0.00588
	FHD (1920 x 1080)	0.01	0.012	0.012
	2K (2560 x 1440)	0.0264	0.0265	0.0265
	4K (3840 x 2160)	0.0485	0.0486	0.0486
H.265	SD (640 x 480)	0.012	0.012	0.0428
	HD (1280 x 720)	0.022	0.023	0.0577
	FHD (1920 x 1080)	0.0457	0.0471	0.1174
	2K (2560 x 1440)	0.1	0.11	0.177

	4K (3840 x 2160)	0.197	0.2032	0.2368
AV1	SD (640 x 480)	0.239	0.239	0.239
	HD (1280 x 720)	0.0466	0.0466	0.0466
	FHD (1920 x 1080)	0.0929	0.0929	0.0929
	2K (2560 x 1440)	0.2	0.2	0.2
	4K (3840 x 2160)	0.4	0.4	0.4

**Note:** Fees are charged based on the output specifications to which the long side and the short side of the resolution of the output video belong.

The SD output specifications (1280 x 720) are used as an example. If the long side (width) of the resolution of the output video is not greater than 1280 and the short side (height) is not greater than 720, the video belongs to the SD output specifications.

If the long side of the output video is greater than 1280 or the short side is greater than 720, the video belongs to output specifications with higher resolution.

### TSC transcoding pricing

Codec	Resolution	Chinese Mainland (USD/Min)	Silicon Valley (USD/Min)	Mumbai, Seoul, Bangkok, Hong Kong (China), Tokyo, Toronto, Frankfurt, and Singapore (USD/Min)
H.264	SD (640 x 480)	0.0097	0.0233	0.027
	HD (1280 x 720)	0.0147	0.0314	0.0363
	FHD (1920 x 1080)	0.0291	0.0624	0.0724
	2K (2560 x 1440)	0.0627	0.0935	0.107
	4K (3840 x 2160)	0.125	0.1273	0.1401
H.265	SD (640 x 480)	0.0488	0.1227	0.1362
	HD (1280 x 720)	0.0729	0.1587	0.1711
	FHD (1920 x 1080)	0.1459	0.3299	0.3627
	2K (2560 x 1440)	0.0097	0.0233	0.027
	4K (3840 x 2160)	0.313	0.481	0.549



## Video montage pricing

Resolution	Price (USD/Min)
SD (short side $\leq 480$ px)	0.033
HD (short side $\leq 720$ px)	0.045
FHD (short side $\leq 1080$ px)	0.05
2K (short side $\leq 1440$ px)	0.072
4K (short side $\leq 2160$ px)	0.088

## Video enhancement pricing

Resolution	Price (USD/Min)
Color enhancement	0.06
Detail enhancement	0.06

## Super resolution pricing

### Basic edition

Resolution (R)	Frame Rate (F)	Price (USD/Min)
$R \leq \text{FHD (1920 x 1080)}$	$F < 30$	0.36
$R \leq \text{FHD (1920 x 1080)}$	$F \geq 30$	0.72
$R > \text{FHD (1920 x 1080)}$	$F < 30$	0.5
$R > \text{FHD (1920 x 1080)}$	$F \geq 30$	1.45

### Enhanced edition (digital remastering)

Resolution (R)	Frame Rate (F)	Price (USD/Min)		
$2K (2560 \times 1440) < R \leq 4K (3840 \times 2160)$	$F \leq 30$	2.2		
$2K (2560 \times 1440) < R \leq 4K (3840 \times 2160)$	$F > 30$	3.5		
$HD (1280 \times 720) < R \leq 2K (2560 \times 1440)$	$F \leq 30$	0.95		
$HD (1280 \times 720) < R \leq 2K (2560 \times 1440)$	$F > 30$	1.76		

R ≤ HD (1280 x 720)	F ≤ 30	0.588
R ≤ HD (1280 x 720)	F > 30	1.1

### Digital watermark pricing

Resolution	Price (USD/Min)		
SD (640 x 480)	0.076923		
HD (1280 x 720)	0.06866		
FHD (1920 x 1080)	0.064179		
2K (2560 x 1440)	0.056716		
4K (3840 x 2160)	0.059701		
Watermark extracting	0.126866		

### Note

For videos for which the digital watermarking feature needs to be enabled, digital watermarks are added during transcoding. Therefore, digital watermarking and transcoding fees will be incurred. When an infringement of the video occurs, you can use CI to extract the watermark from the infringing video. Therefore, watermark extraction fees will be incurred.

### Video frame interpolation pricing

Resolution (R)	Frame Rate (F)	Price (USD/Min)		
R ≤ HD (1280 x 720)	F ≤ 30	0.4478		
R ≤ HD (1280 x 720)	F > 30	0.8955		
HD (1280 x 720) < R ≤ 2K (2560 x 1440)	F ≤ 30	2.6866		
HD (1280 x 720) < R ≤ 2K (2560 x 1440)	F > 30	0.8955		
2K (2560 x 1440) < R ≤ 4K (3840 x 2160)	F ≤ 30	1.791		
2K (2560 x 1440) < R ≤ 4K (3840 x 2160)	F > 30	5.3731		

### Pricing of other features

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Feature	Price
SDR-to-HDR	0.06 USD/min
Video tagging	0.00784 USD/min
Video metadata acquisition	0.015 USD/1,000 times
Video frame capturing	0.015 USD/1,000 times
Intelligent thumbnail	0.026 USD/min
Video quality scoring	0.01463 USD/min
Video splitting	0.01194 USD/min

## Billing Example

### Note

The following billing example is based on usage in the Chinese mainland.

The prices in the example are for reference only. For the actual prices, see [Billing Overview]

(<https://intl.cloud.tencent.com/pricing/ci/overview!4fb2148d1884b7a75b99cbdc584bff4>).

After you understand the composition of media processing fees and the description of billable items, you can evaluate the required amount of resources based on your own business needs and then use the [CI price calculator](#) to calculate fees and export the cost estimate.

You operate an online video website. Visitors can upload their own videos to the website for online media processing and then download output videos. You store the website content in a COS bucket in **Guangzhou region**, use the **CI** service, and enable the CDN acceleration service.

### Demand

The monthly basic video processing volume is 100 GB, generating CDN origin-pull traffic of 100 GB, H.264 1080p transcoding of 2,000 minutes, video frame capturing of 10,000 times, and voice/sound separation of 500 minutes.

### Monthly fees calculation

Item	Free Tier	Unit Price	Billable Usage	Fees (Unit Price x Billable Usage)
Transcoding	0	0.0094 USD/min for H.264 FHD (1920 x 1080)	2,000 minutes	2,000 x 0.0094 = 18.8 USD
Video frame capturing	0	0.015 USD/1,000 times	10,000 times	10 x 0.015 = 0.15 USD

CDN origin-pull traffic	0	0.02 USD/GB	100 GB	$100 \times 0.02 = 2$ USD
<b>Monthly fees</b>	-	-	-	<b>26.35 USD</b>

# Document Processing Fees

Last updated : 2024-03-04 09:31:32

CI can generate preview images for files of various types to display file content on webpages. This well meets the need to browse files online on different terminals such as PC and app. CI also provides text privacy detection capabilities to effectively recognize sensitive data contained in text like identity card numbers, bank card numbers, and mobile numbers. This fully satisfies various requirements for data availability and privacy protection.

## Document Processing Fees

Document processing fees are divided into **document-to-image conversion fees**, **document-to-HTML conversion fees**, and **privacy protection fees**, as detailed below:

Billable Item	Description	Billing Cycle	Applicable Billing Mode
Document-to-image conversion fees	Fees incurred by using the document-to-image conversion feature in the document preview service. Such fees are charged by the number of successfully converted document pages.	Monthly	Pay-as-you-go
Document-to-HTML conversion fees	Fees incurred by using the document-to-HTML conversion feature in the document preview service. Such fees are charged by the number of successful conversions.	Monthly	Pay-as-you-go
Privacy protection fees	Fees incurred by detection of privacy data contained in files, such as identity card numbers, license plate numbers, and mobile numbers. Such fees are charged by the size of successfully detected files.	Monthly	Pay-as-you-go

## Document Processing Pricing

Billable Item	Price
Document-to-image conversion	0.015 USD/1,000 pages
Document-to-HTML conversion	0.0014 USD/request

Privacy protection

0.0791 USD/GB

**Note:**

The document-to-image conversion feature allows you to perform basic image processing operations on the generated images, such as scaling, cropping, and watermarking, and fees incurred by such operations will be billed as basic image processing fees.

Failed document-to-HTML conversions will not be billed, and a preview request will be counted as one conversion.

Accessing documents that are converted to HTML does not generate public network downstream traffic.

Document-to-PDF conversions are charged at the same price as document-to-image conversions.

## Billing Example

Suppose you upload a batch of documents to a bucket and use the document-to-image conversion and document-to-HTML conversion features of CI to process the documents.

Usage statistics show that the document processing operation converted 50,000 document pages to images and converted documents to HTML 10,000 times.

You purchased a 50,000-times document preview resource pack valid for 12 months in the Chinese mainland last month.

The following can be concluded:

Billable Item	Usage	Free Tier	Price	Billable Usage	Fees (Price x Billable Usage)
Document-to-image conversion	50,000 pages	6,000 pages	0.015 USD/1,000 pages	44,000 pages	$0.015 \times 4.4 = 0.066$ USD
Document-to-HTML preview	10,000 times	None.	0.0014 USD/request	10,000 times	$0.0014 \times 10,000 = 14$ USD
<b>Monthly fees</b>		-	-	-	<b>14.066 USD</b>

**Note:**

Storage fees are charged by COS.

After you understand the composition of document processing fees and the description of billable items, you can evaluate the required amount of resources based on your own business needs and then use the [CI price calculator](#) to calculate fees and export the cost estimate.

# File Processing Fees

Last updated : 2024-01-31 16:39:39

COS offers the [file processing feature](#) based on CI, which allows you to perform on-cloud file processing operations such as hash calculation in diverse online processing scenarios.

## File Processing Fees

File processing fees consist of **file hash calculation fees, file decompression fees, and multi-file zipping fees** as detailed below.

Billable Item	Description	Billing Cycle	Applicable Billing Mode
File hash calculation	Fees incurred by using the file hash calculation service. Such fees are charged by <b>the file size</b> .	Monthly	Pay-as-you-go
File decompression	Fees incurred by using the file decompression service. Such fees are charged by <b>the size of extracted files</b> .	Monthly	Pay-as-you-go
Multi-file zipping	Fees incurred by using the multi-file zipping service. Such fees are charged by <b>the size of files to be zipped</b> .	Monthly	Pay-as-you-go

## File Processing Pricing

Billable Item	Price
File hash calculation	0.0075 USD/GB
File decompression	0.0075 USD/GB
Multi-file zipping	0.0075 USD/GB

## Billing Example

Suppose you upload 200 files of 10 GB in total to a bucket and use the hash calculation and multi-file zipping features to process the files.

The fees incurred are as follows:

Item	Unit Price	Billable Usage	Fees (Unit Price * Billable Usage)
File hash calculation	0.0075 USD/GB	10 GB	0.075 USD
Multi-file zipping	0.0075 USD/GB	10 GB	0.075 USD
<b>Monthly fees</b>	-	-	<b>0.15 USD</b>

**Note:**

Storage fees are charged by COS.



# Traffic Fees

Last updated : 2024-03-04 09:34:27

The traffic fees incurred by your CI usage are charged **monthly** by CI, including **CDN origin-pull traffic fees** and **public network outbound traffic fees**. No fees are charged for inbound traffic.

## Note:

CI services include image processing, media processing, content recognition, content moderation, and file processing. You access to **COS domain names with CI data processing parameters** and **CI domain names** are calculated as CI usage.

CI is a data processing platform based on COS. It can directly call existing and incremental data in COS buckets for processing.

Traffic Type	Description	Billing Cycle	Applicable Billing Mode
Inbound traffic	Traffic generated by data upload to CI	Monthly	Pay-as-you-go
CDN origin-pull traffic	Origin-pull traffic generated by data transfer from CI to CDN edge servers		
Public network outbound traffic	Traffic generated during access to CI at CI domain names		

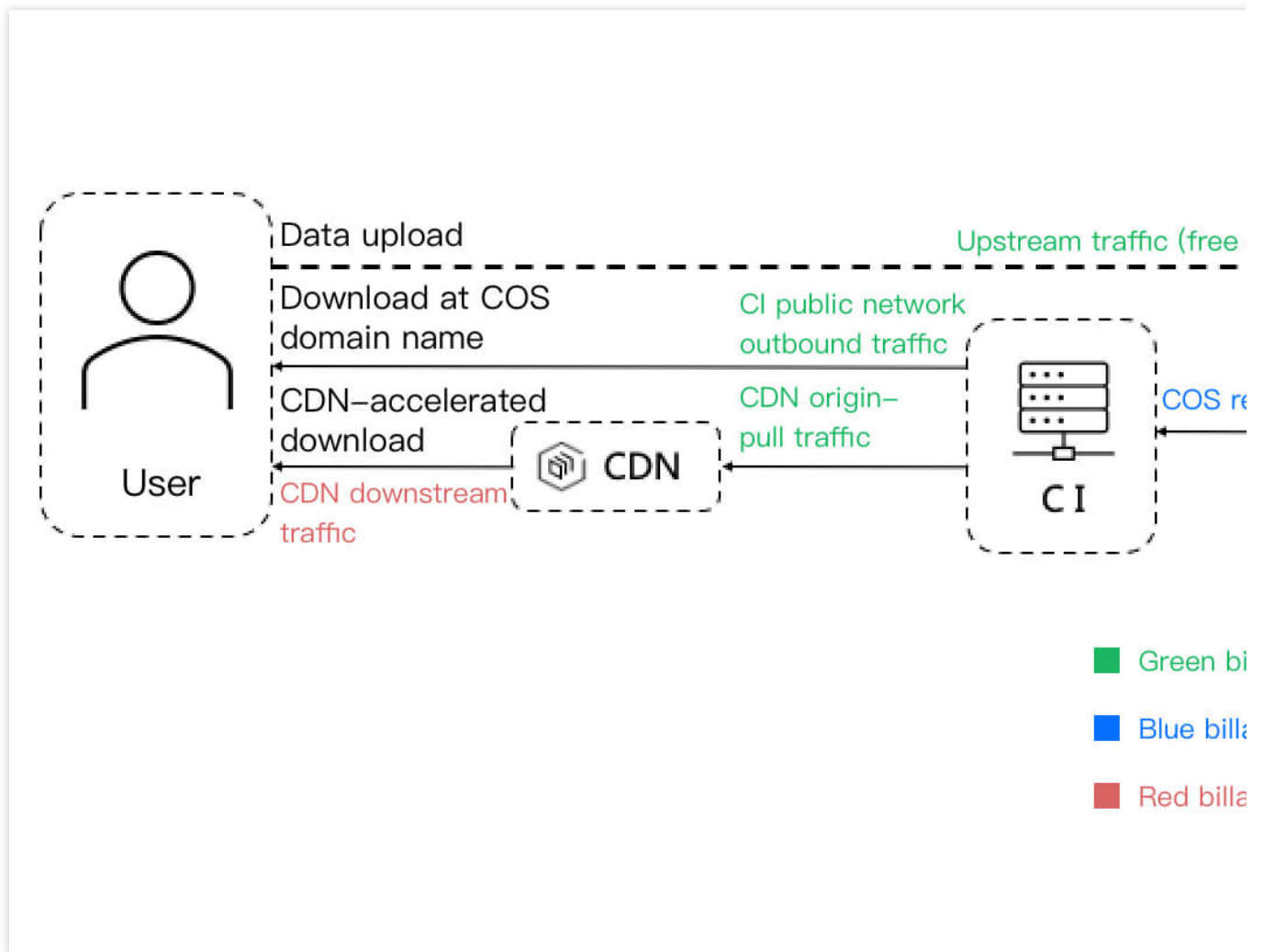
## Traffic generated after CDN acceleration is enabled

When you access CI at COS domain names with CI data processing parameters or at CI domain names, if you enable the CDN acceleration domain name and **download data** through it, the following fees will be incurred:

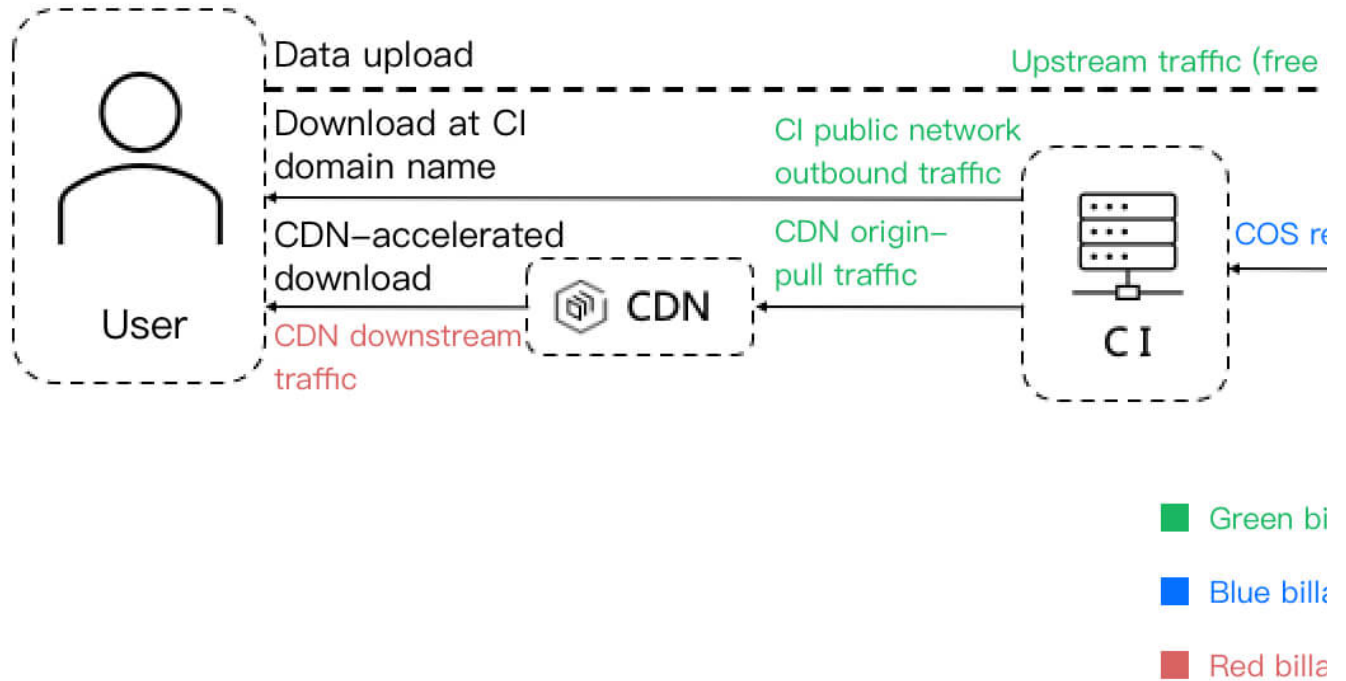
Billable Item	Description	Billed By
CDN origin-pull traffic	Origin-pull traffic generated by data transfer from CI to CDN edge servers	CI
CDN traffic	CDN outbound traffic generated by data download from CDN edge servers to local systems or clients	CDN
COS request	COS requests made during data transfer from CI to CDN edge servers as data is stored in COS	COS

## Example:

A. When you access a COS domain name with image processing parameters to request adjusting the width and height of an image to 50% of the original values, the following fees will be incurred:



B. When you access a CI domain name to request adjusting the width and height of an image to 50% of the original values, the following fees will be incurred:

**Note:**

Downloads over the private network in the same region are free of charge.

**Traffic pricing**

Traffic Type	Region	Price
Inbound traffic	No limit	Free of charge
CDN origin-pull traffic	Chinese mainland	0.02 USD/GB
	Outside Chinese mainland	0.072 USD/GB (Singapore)0.1 USD/GB (India)0.08 USD/GB (Hong Kong (China))0.07 USD/GB (Europe, Canada, US, Japan, Thailand, South Korea, Indonesia, Brazil)
Public network	Chinese mainland	0.1 USD/GB

outbound traffic	Outside Chinese mainland	0.072 USD/GB (Singapore)0.1 USD/GB (India)0.08 USD/GB (Hong Kong (China))0.07 USD/GB (Europe, Canada, US, Japan, Thailand, South Korea, Indonesia, Brazil)
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# Smart Audio Fees

Last updated : 2024-01-31 16:39:39

CI provides various audio processing services such as speech recognition, text-to-speech, and voice/sound separation.

## Smart Audio Fees

Smart audio fees refer to the fees incurred by using [smart audio features](#) such as speech recognition, text-to-speech, and noise reduction.

Billable Item	Description	Billing Cycle	Applicable Billing Mode
Voice/Sound separation fees	Fees incurred by using the voice/sound separation service. Such fees are charged by the <b>output file duration</b> .	Monthly	Pay-as-you-go
Text-to-speech fees	Fees incurred by using the text-to-speech service. Such fees are charged by the <b>number of input characters</b> .	Monthly	Pay-as-you-go
Audio noise reduction fees	Fees incurred by using the audio noise reduction service. Such fees are charged by the <b>audio processing duration</b> .	Monthly	Pay-as-you-go

## Smart Audio Pricing

### Text-to-speech pricing

Number of Input Characters	Price (USD/10,000 Characters)
$0 < \text{Number of input characters} \leq 190,000$	0.4422
$190,000 < \text{Number of input characters} \leq 990,000$	0.4127
$990,000 < \text{Number of input characters} \leq 9,990,000$	0.3832
$9,990,000 < \text{Number of input characters} \leq 39,990,000$	0.3538

Number of input characters &gt; 39,990,000

0.3243

**Note:**

The text-to-speech service is billed in a cumulative manner at tiered prices.

For example, if you use the text-to-speech service for 890,000 characters this month, you need to pay  $19 \times 0.4422 + (89 - 19) \times 0.4127 = 37.2908$  USD.

**Pricing of other features**

Feature	Price
Voice/Sound separation	0.012 USD/min
Audio noise reduction	0.01194 USD/min

## Billing Example

You operate an online audio processing website. Visitors can upload their own videos to the website for noise reduction and voice/sound separation and then download output voice files. You store the website content in a COS bucket in **Guangzhou region** and use the **CI** service.

**Demand**

10,000 hours of fast speech recognition and 5,000 minutes of voice/sound separation per month.

**Monthly fees calculation**

Billable Item	Free Tier	Price	Billable Usage	Fees (Price x Billable Usage)
Audio noise reduction	0	0.01194 USD/min	0.01194 x 10,000	119.4 USD
Voice/Sound separation	0	0.012 USD/min	0.012 x 5,000	60 USD
<b>Monthly fees</b>	-	-	-	<b>179.4 USD</b>

**Note:**

After you understand the composition of smart audio fees and the description of billable items, you can evaluate the required amount of resources based on your own business needs and then use the [CI price calculator](#) to calculate

fees and export the cost estimate.

# Free Tier

Last updated : 2024-01-31 16:39:39

CI offers a limited free tier for all users, which can be used to deduct the fees incurred by most CI features. Usage in excess of the free tier will be billed separately.

**Note:**

Currently, most CI billable items provide a free tier, while some don't. For more information on all billable items and pricing, see [Pricing Overview](#).

If your service is suspended due to violations or overdue payment, you will not be eligible for the Free Tier perk. Free Tier will be unavailable until the service is resumed.

## Free Tier

The Free Tier is only applicable to **Public Cloud regions**. For more information, see [Regions and Domains](#).

## Free Tier Details

### Image processing

Item	Free Tier	Validity Period	Issuance Frequency
Basic image processing	10 TB	1 month	Monthly
Blind watermark	6,000 times	2 months	One-time
Guetzli compression	6,000 times	2 months	One-time

### Media processing

Item	Free Tier	Validity Period	Issuance Frequency
Video frame capturing	6,000 times	2 months	One-time
Video metadata acquisition	6,000 times	2 months	One-time
Intelligent thumbnail	1,000 minutes	2 months	One-time



## Document processing

Item	Free Tier	Validity Period	Issuance Frequency
Document preview	6,000 pages	2 months	One-time
Privacy protection	2 GB	2 months	One-time

## Smart audio

Item	Free Tier	Validity Period	Issuance Frequency
Speech recognition	20 hours	2 months	One-time
Fast speech recognition	5 hours	2 months	One-time

## Access and Query

After you activate and use CI's basic image processing service, the system will automatically issue a free tier resource pack to your account, which will be valid for one month.

For other services, the system will automatically issue a free tier resource pack when you use a service for the first time, which will be valid for two months.

**The free tier will be delivered in the form of a free resource pack.** You can view when your free tier resource pack will take effect and expire in the [Storage Package Management](#) page in the console.

## Validity Period

The **free tier** for the basic image processing service is valid for one calendar month.

The **free tier** for other services is valid for two calendar months.

For example, if you activate and use CI's basic image processing service at 05:13:14 PM on March 10, 2021, the effective month of the free resource pack starts from March 1, 2021, and the free tier is valid between March 1, 2021 and March 30, 2021.

## Billing Sequence

During the Free Tier term, you may be charged other fees you incur, such as advanced compression fees and traffic fees. Therefore, the billing sequence varies for your billing settlement depending on the scenario.

Take basic image processing as an example:

By default, COS bills are settled in a pay-as-you-go manner.

If you are eligible for the free tier for basic image processing, then your bills are settled in the order of **free tier > pay-as-you-go**. That is, you are charged in a pay-as-you-go manner only for the part exceeding the free tier.

# Payment Overdue

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## Note:

If you are a customer of a Tencent Cloud partner, the rules regarding resources when there are overdue payments are subject to the agreement between you and the partner.

1. If your account has overdue payment (the account balance is below 0), the CI service will be suspended in 24 hours.
2. If you receive a payment overdue notification, go to [Top-up Center](#) in the console and top up your account promptly to prevent your businesses from being affected.
3. If you have any questions, please go to the console and check your billing details in the [Bill Details](#) page.
4. If you have any questions on the billing items, see [Billing and Pricing](#) for the description of each billing item and the billing rules.

# Viewing Bill Details

Last updated : 2024-01-31 16:39:39

To check the details of CI fees under your account, log in to the [Billing Center](#).

To check the usage of resource packs, log in to the [Resource Pack Management](#) page.

## Note:

Bills are settled in the order of **free tier > resource pack > pay-as-you-go billing**.

By default, the system uses the pay-as-you-go billing mode for bill settlement; that is, the system will deduct the free tier (if available) first and then bill the excessive usage in a pay-as-you-go manner.

If you have purchased a resource pack, during the validity period of the pack, the system will deduct the free tier and pack first. Then, it will bill the excessive usage in a pay-as-you-go manner and deduct the amount payable from your account.

For more information on the free tier and billable items, see [Free Tier](#) and [Billing Overview](#) respectively.

## Querying Bill

If you have activated the new version of resource billing, you can query bill details in the Billing Center.

### Directions

1. Log in to the [Tencent Cloud console](#).
2. Click **Billing Center** in the top-right corner to enter the Billing Center overview page.
3. In the **Billing Center**, select **Bills > Bill Details** on the left sidebar.
4. On the **Bill Details** page, select **Cloud Infinite** as the product to view CI bills by instance and detailed bills.

### Note:

Select

#### Bill Overview

to view the billing trends and summary. Select

#### Bill Download

to download generated bills by month.

5. On the **Bill by Instance** tab, view your fees by sub-product, region, AZ, or billing mode. If you select **Hide 0 USD Items**, the Billing Center will automatically hide the bills of 0 USD items.

**Billing Center**

**Bill Details** 2022-07

**Bill by Instance** Bill Details

Expense figures in Bill Details are accurate up to 8 decimal places. Expense figures in Bill by Instance are rounded off to 2 decimal places. Actual deduction amount will be in 2 decimal places. For more details, see User Guide of Current Bills.

cloud infinite All Subproducts All Projects All Regions All AZs All Billing Modes

All transaction types ☐ Do not display \$0 transactions

Total Cost (Including Tax) 0.00 USD = Total Amount After Discount (Excluding Tax) 0 USD - Voucher Deduction 0.00 USD + Tax Amount 0.00 USD

Instance ID	Instance Name	Product Name	Subproduct Name	Billing Mode	Instance Type	Transaction Type	Region
...	...	cloud infinite	sp_ci	Pay-As-You-Go resources	-	Monthly settlem...	Southwest China (Chongqing)
...	...	cloud infinite	ci media processing	Pay-As-You-Go resources	-	Monthly settlem...	North China (Beijing)
...	...	cloud infinite	ci basic processing	Pay-As-You-Go resources	-	Monthly settlem...	East China (Nanjing)

Total Items: 3 20 / page 1 / 1 page

Available options are as described below:

**Region:** Select different regions in the region drop-down list to view the bill details by region.

**Billing Mode:** Select different billing modes in the billing mode drop-down list to view the bill details under pay-as-you-go or monthly subscription billing mode.

**Transaction Type:** Select different transaction types in the transaction type drop-down list to view the bill details by transaction type such as pay-as-you-go purchase, new monthly subscription, and renewal.

6. At the top-right of the bill page, click



to download your CI bill details.

# FAQs

Last updated : 2024-01-31 16:39:39

## Billing Mode

### How is CI billed?

CI is **pay-as-you-go (postpaid)**. For more information, see [Billing Overview](#).

### What are the billable items of CI?

The billable items of CI include [image processing fees](#), [media processing fees](#), [file processing fees](#), and [traffic fees](#).

## Traffic

### How is the public network downstream traffic in CI generated and billed?

Public network downstream traffic is the traffic generated by data transfer from CI to the client over the internet. Traffic generated by downloading an object directly through an object link or by browsing an object at a static website endpoint is public network downstream traffic. For billing details, see [Traffic Fees](#).

### Will downloading files through the CI console, tools, API, or SDK incur public network downstream traffic fees?

The traffic (private or public network traffic) generated by accessing CI is subject to the use case, and only access to CI from a Tencent Cloud product in the same region will be over the private network by default with no public network downstream traffic fees incurred.

## Bill

### How do I view bills?

You can view the fees incurred by the use of CI under your account in the [Billing Center](#) in the console. You can also view bucket-level bill details by downloading the usage details in the Billing Center.

## Overdue Payment

### Why can't I use the CI service after topping up my account to a positive balance?

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Your account will be automatically unblocked in ten minutes after it is topped up. If your account is still displayed as blocked, the browser may have cached the historical page. In this case, we recommend you **refresh the webpage** or **clear the browser cache** first.