

LVB Recording Purchase Guide Product Documentation



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Purchase Guide

Pricing Overview

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The billable items of LVB recording include **LVB platform fees**, **VOD platform fees**, and **LVB recording fees** as shown below:

 LVB recording only supports monthly billing cycle



Billable Item	Billing Description	Billing Mode
LVB recording fees	<ul style="list-style-type: none"> The fees incurred by using the LVB recording service, which are charged according to the monthly peak number of concurrent recording channels. The bill is displayed in the LVB billing information. 	Monthly peak number of recording channels * valid day coefficient * unit price
LVB fees	<ul style="list-style-type: none"> The fees incurred by using the LVB service, which are charged according to the LVB resource usage. The bill is displayed in the LVB billing information. 	The LVB billing mode you selected
VOD fees	<ul style="list-style-type: none"> The fees incurred by using the VOD service, which are charged according to the VOD resource usage. The bill is displayed in the VOD billing information. 	The VOD billing mode you selected

Note :

Live recording will definitely incur VOD [storage fees](#).

Billing Overview

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The billable items of LVB recording include **LVB platform fees**, **VOD platform fees**, and **LVB recording fees**.

- For the billing mode of LVB, please see [LVB Pricing Overview](#).
- For the billing mode of VOD, please see [VOD Pricing Overview](#).

LVB Recording Fees

LVB recording is a paid feature, and **fees are calculated based on the peak number of concurrent LVB recording channels in the current month**. Detailed prices are as follows:

Billable Item	Price	Settlement Cycle	Applicable Services
Recording channel peak	5.2941 USD/channel/month	Monthly pay-as-you-go	LVB

Billing description

- Billable item: number of LVB recording channels.
- Billing mode: pay-as-you-go.
- Billing cycle: monthly billing cycle. The current month's bill will be generated between the 1st and 5th day of the next month. See the billing statement for details.
- Calculation formula:
 - Percentage of valid recording days = number of days when the recording feature is used in a calendar month / total number of days in the month.
 - Recording fees = peak number of concurrent recording channels in a calendar month * percentage of valid recording days * recording channel unit price.

Note :

Monthly peak number of concurrent recording channels: the greatest value among all 5-minute numbers of LVB recording channels in the month. One recording format is counted as one channel of recording stream. For example, if MP4 and HLS files are recorded for the same stream ID, they will be counted as two channels of recording streams.

Billing example

Suppose you use the LVB recording service for 18 days between June 1 and July 1, 2021, and the recording channel peak for the month is 10, the LVB recording fees you need to pay on July 2, 2021 are as follows:

- Percentage of valid LVB recording days in June = $18 \text{ (days)} / 30 \text{ (days)} = 0.6$.
- LVB recording fees for June = $5.2941 \text{ (USD/channel/month)} * 0.6 * 10 \text{ (channels)} = 31.7646 \text{ USD}$.

Note :

- The billing rule for the percentage of valid days will take effect on **November 1, 2020**, and bills will be generated on **December 1, 2020** according to this rule.
- The recorded video files are stored in the [VOD console](#) by default. After enabling the recording feature, please make sure that your VOD service is in normal status; if it has not been activated or has been suspended due to account arrears, LVB recording will not be available, no recording files will be generated, and no recording fees will be incurred.

Billing Example

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To understand the related fees incurred by LVB recording more easily, you can use the following examples to estimate the resource usage and costs of the overall plan. The examples describe the [postpaid](#) billing mode for your reference.

Background

User A runs an ecommerce platform. An ecommerce live streaming event was held for 10 days in November, and the live streams were recorded for playback on the purchase pages. The specific requirements are as follows:

Estimated LVB Resource Usage	Estimated VOD Resource Usage
<ul style="list-style-type: none"> • 10 concurrent live streams per day • Live streaming bitrate: 1 Mbps • Watch duration per viewer: 2 hours • Average number of viewers: 1,000 • All live streams were recorded in both HLS and MP4 formats 	<ul style="list-style-type: none"> • Average daily number of viewers: 100 • Video duration: 1 hour • Video bitrate: 500 Kbps • Video size: 10 GB • Video storage duration: 3 months

Postpaid Billing

This example mainly involves resource usages of LVB, LVB recording, and VOD as detailed below:

LVB fees

- **Billing formula:** traffic = bitrate * average duration * average number of viewers.
- **Example analysis:**
 - Daily traffic usage ≈ 10 (streams) * 1 (Mbps) / 8 * 7200 (s) ** 1000 (viewers) = 9000000 (MB) = 9000 (GB).
 - 10-day LVB traffic fees ≈ 9000 (GB) * 0.0406 (USD/GB) * 10 (days) = 3654 (USD).

LVB recording fees

- **Billing formula:**
 - Percentage of valid recording days = number of days when the recording feature is used in a calendar month / total number of days in the month.

- Recording fees = peak number of concurrent recording channels in a calendar month * percentage of valid recording days * recording channel unit price.

- **Example analysis:**

- Percentage of valid recording days = 10 (days) / 30 (days) = 1/3.
- Recording fees for November = 10 (channels) * 2 (formats) * 1/3 * 5.2941 (USD/channel/month) = 35.294 (USD).

VOD fees

- **Billing formula:**

- Traffic = bitrate * duration * number of viewers.
- Storage = storage volume * storage unit price.

Note :

You can query the bitrate of the preset template in [Template Settings](#). You can also define the bitrate of the template.

- **Example analysis:**

- Daily traffic usage $\approx 500/8$ (Kbps) * 3600 (s) * 100 (viewers) = 22500000 (KB) = 22.5 (GB); approximate traffic fees for 30 days ≈ 22.5 GB * 0.038 USD/GB * 30 = 25.65 USD.
- Storage fees ≈ 10 (GB) * 0.0009 (USD/GB/day) * 90 (days) = 0.81 USD.
Total VOD fees $\approx 25.65 + 0.81 = 26.46$ USD.

Note :

Total fees = LVB resource fees + LVB recording fees + VOD resource fees = 3654 + 35.294 + 26.46 = 3715.754 USD.

Purchase Guide

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Step 1. Sign up for a Tencent Cloud account

If you already have a Tencent Cloud account, you can ignore this step; otherwise, please sign up for one as instructed in [Signing up for a Tencent Cloud Account](#). You can sign up with WeChat QR code, email, QQ account, or WeChat Official Account.

Step 2. Verify your identity

If you have already completed identity verification for your Tencent Cloud account, you can ignore this step; otherwise, please verify your identity as instructed in [Identity Verification Guide](#). After your personal or organizational identity is verified, you can activate the LVB and VOD services.

Step 3. Apply for service activation

LVB

Go to the [LVB console](#), select [I agree to the Tencent Cloud Service Agreement](#), and click **Activate** to activate the LVB service.

Note :

The LVB service is daily billed by traffic by default. For billing details, please see [Pay-as-You-Go Billing](#).

VOD

Go to the [VOD overview page](#), click **Get Started**, and submit your information to use the VOD service.

Note :

The VOD service is daily pay-as-you-go by default. For billing details, please see [Pay-as-You-Go \(Postpaid Daily Billing Cycle\)](#).

Step 4. Purchase the service

LVB

To purchase LVB resources, please see [LVB - Billing Details](#).

VOD

To purchase VOD resources, please see [VOD - Billing Overview](#).

Step 5. Use the service

After completing the above steps, you can implement the LVB recording solution as instructed in the [Console Guide](#).

Bill Query

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To view the bills and payment details of the Tencent Cloud LVB recording solution, go to Tencent Cloud **Billing Center** > **Bills** > **Bill Details**.

The fees the LVB recording solution consists of three parts: LVB fees, VOD fees, and LVB recording fees, which are billed independently. Therefore, you need to check the resource usage of each part separately.

- For more information on how to view LVB bills, please see LVB - Bill Query

Arrears and Renewal

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Arrears Processing

Arrears processing of the LVB recording solution depends on the services it consists of:

- For more information on the arrears processing description of LVB, please see [LVB - Notes for Arrears Processing](#).
- For more information on the arrears processing description of VOD, please see [VOD - Notes for Arrears Processing](#).

Renewal

Renewal of the LVB recording solution depends on the services it consists of:

- For more information on VOD renewal, please see [VOD - Renewal](#).