

Overview

ZEGO local server recording SDK is a recording plug-in for real-time audio and video and live broadcast interaction. Through simple integration and use, it helps developers to quickly and flexibly deploy local recording services to achieve one-to-one, many-to-many real-time audio and video Recording of call or live interaction.

ZEGO's local server recording SDK can store the content of voice chat, video chat and live broadcast, so that more people can watch it at a convenient time.

1 Main function

Main function	Function description
Split recording	Supports audio and video split recording for each user in the room.
Mixed stream recording	Supports audio and video mixed stream recording of all users in the room.
Multiple recordings	Supports simultaneous recording and output of audio and video files in the room.
Audio and video separation	Supports audio and video streams in the room to be stripped of audio for recording.
Empty Stream Filling	Supports supplementary recording of blank screens after each user in the room is interrupted.
Video screenshots	Supports screenshots of audio and video of all users in the room.
Custom Layout	Support custom layout of room video screen.
Recording watermark	Support adding picture watermark, text watermark and time stamp watermark to the room video screen.

2 Applicable scenarios

Industry	Applicable scenarios
Online Education	Provide multi-party audio and video recording capabilities for online classes such as 1:1, small class, large class, etc.
Social live broadcast	Support for recording live clips, live playback, and screenshots to detect pornography.
Financial industry	Provide audio and video recording functions for video interviews, remote witnessing and other business transactions, and archive them for future reference.
Customer Service Center	The recorded audio and video can be used for user research, customer service evaluation and other scenarios.
Telemedicine	Online recording of remote consultation and online consultation process for later review.

3 Product Features

Features	Description
High reliability	Support cluster deployment, dynamic expansion, and provide high availability services.
High security	Provide end-to-end security mechanisms for video calls, data transmission, and data storage.
Adaptability	Support ZegoLiveRoom SDK, ZegoAudioRoom SDK and ZegoExpress SDK real-time audio and video recording.
Compatibility	Support CentOS 6.5+ x64 and Ubuntu 14.04+ x64 operating systems.
Stable and easy to	The operation method is simple and easy to use,

use	quick to get started, can flexibly deploy recording services, and easily implement mobile and web recording functions.
Flexible combination	By flexibly combining various functions, it can be seamlessly applied to a variety of scenarios required to achieve a more complete service.

4 Related Documents and Examples Demo

ZEGO On-Premises Recording Demo source code download address: [On-Premises Recording Demo](#), Demo operation instructions please see [download sample source code-Demo instructions](#)

- [Quick Start-Integration](#)
- [Quick Start-Individual Stream Recording](#)
- [Quick Start-Mixed Stream Recording](#)