



Feature:

1. Provide GK and SIP registration services to support H.323/SIP terminals and cloud terminal access
2. Support 4K/2K/1080P30/720P30 and other resolution access
3. Support H.263/H.263+/H.264/H.264 HP/H.265 and other video encoding formats
4. Provide 1 split screen, 4 split screen, 1+5 split screen, 1+7 split screen, 9 split screen, 2+8 split screen, 16 split screen and other split screen video experience
5. Support different protocols, different terminals can join the same meeting
6. Support monitoring (RTSP. access
7. Simple meeting control operation
8. PC and mobile client can initiate meetings at any time
9. Cloud terminals can choose to watch content
10. Support permanent existence in cloud conference rooms, and dial in at any time
11. Built-in live broadcast, recording, and on-demand modules
12. Single machine up to 500 live broadcast points
13. Support streaming to third-party live broadcast platforms and CDN
14. Provide a complete public and private network crossing solution
15. Super strong transmission repair, forward error correction, and dynamic adaptive buffering technology, calmly deal with up to 50% network packet loss and poor network delay jitter, providing better network adaptability and fault tolerance
16. Video transmission Repair Bridge and Video Transmission can assist third-party traditional terminals to achieve transmission repair and NAT traversal
17. The platform is seamlessly compatible with H.323/SIP protocols, supports hardware terminals and software terminals of standard SIP and H.323 protocols, and logs in and authenticates through the platform's unified address book account
18. Provides Windows, Android, and iOS software terminals, and also supports browser direct access (no need to install any plug-ins
19. Provides SDK development kit to support embedded video conferencing functions in business processes
20. Independently developed SVC+ technology, which can be expanded to a larger cloud video conferencing platform at any time
21. Supports complete hierarchical and decentralized management functions
22. Point-to-point, instant meetings, scheduled meetings, periodic meetings, and multiple meeting modes to meet various meeting scenarios
23. Complete meeting statistics analysis and platform monitoring
24. Supports synchronization with standard LDAP, AD and accounts
25. Supports user-defined interface styles, customized logo, etc
26. Support voice incentives, the current speech is automatically in the big screen

- 26. Support voice incentives, the current speech is automatically in the big screen
- 27. Invite hardware terminals, mobile terminals, PCs, etc. to attend the meeting at any time
- 28. Flexible voice control, mute, block, audience mute, mute prompt
- 29. Diverse video control, role perspective, split screen designation, dual stream sending permissions, close video prompt
- 30. Self-service control of the meeting can be achieved through PC and mobile phone

Specification:

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| Capacity | |
| Maximum number of registrations | 500 |
| Maximum Concurrent number | 100 |
| Maximum number of traditional end concurrent number | 50 |
| Maximum number of concurrent conferences | 50 |
| Conference modes that support traditional end split screen | |
| Single-view 4-split screen conference | 9 groups/4 groups (720P30/1080P30) |
| Single-view (1+5) split screen conference | 7 groups/3 groups(720P30/1080P30) |
| 2-view 5-split screen conference | 6 groups/3 groups (720P30/1080P30) |
| 2-view 8-split screen conference | 5 groups/2 groups(720P 30/1080P30) |
| 3 perspectives with 16 split screens for conference recording | 2 groups/1 group(720P30/1080P30) |
| 3 perspectives with 16 split screens for conference recording | 1 group/0 groups(720P30/1080P30) |
| Full switching forwarding mode | |
| 3 perspectives (1+5) split screen conference recording | 8 groups/4 groups |
| 2 perspectives with 8 split screens for conference recording | 8 groups/4 groups |
| Conference capabilities | |
| Main video resolution | Maximum support 4K |
| Content Resolution | Maximum support 4K |
| Audio and video presentation | Minimum 80ms |
| Conference bandwidth | 128kbps~8Mbps |
| Protocol | |
| Communication protocol | HTTPS, HTTP, TCP/UDP, H.323/SIP, ZJCS, WebRTC, H.460.18/19, H.460.22, H.460.17 |
| Video protocol | H.261, H.263, H.263+, H.264, H.264 HP, H.265, SVC+ |
| Audio protocols | Opus, G.719, AAC-LD, G.722.1c, G.722.1, G.722, G.711A/U |
| Video | parameters |
| Decoding resolution | CIF, 4CIF, 180P, 369P, 720P, 1080P, 2K, 4K, etc |
| Encoding resolution | 180P, 360P, 720P, 1080P, 2K, 4K, etc |
| Content resolution | 800*600, 1024*768, 1152*864, 1280*720, 1280*768, 1280*800, 1280*1024, 1360*768, 1366*768, 1440*900, 1600*900, 1920*1080, 2560*1440, 3840*2160, etc |
| Network fault tolerance | |
| Audio | 70% packet loss, clear audio, understandable semantics |
| Video | 30% packet loss, no video distortion |

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| Security | |
| Signaling encryption | HTTPS, TLS, H.460.22 |
| Media encryption | AES, SRTP |
| Compatible features | |
| Terminal standard | H.323/SIP terminal |
| MCU standard | H.323/SIP MCU |
| Phone gateway | Support SIP phone gateway |
| Recording/live broadcast | |
| Recording resolution | 720P, 1080P |
| Live broadcast resolution | 720P, 1080P |