



Software

HD Video Conference System software V1.0 P48CR

Feature:

- * The bandwidth rate supports 64Kbps-8Mbps; it supports QCIF, CIF, 4CIF, 480P, D1, 720P, 1080P video resolutions.
- * Support H.264, H.264 MP, H.264 HP, H.265 video codec protocol, support G.711A, G.711U, G.722, iLBC, G.722.1, G.722.1C, OPUS_16K, OPUS_24K, OPUS_48K and other audio codec protocols, the sound quality is up to 48KHz.
- * Support 48-channel 1080P concurrent users, and support 100 concurrent virtual meetings.
- * Support H.239 digital dual-stream technology, both main and auxiliary streams can reach 1080P.
- * Support VSC protocol. VCS conference mode supports all terminals to send auxiliary streams at the same time (support N terminals in the same meeting to send N auxiliary streams at the same time), support mainstream auxiliary stream mixed screen; support main video 1080p60fps, auxiliary video at the same time achieve 1080P60fps HD effect.
- Support screen polling function. It can specify polling window screen, polling venue, polling times, etc.
- * It supports the broadcast venue function. In the broadcast venue mode, the meeting layout is switched to a mode that only displays the broadcast venue, and all the venues can only watch the screen of the broadcast venue.
- * The VCS conference mode supports data conference functions such as electronic whiteboard, electronic voting, conference sign-in, and file sharing.
- * Support network ping test, route tracking test, network bandwidth test, on the background web management interface; support real-time display of audio, mainstream, and auxiliary stream network status, including packet loss rate, code stream, frame rate, delay and other parameters.
- * Support browsers or players to access the live broadcast link address to watch the conference live broadcast, and supports the live broadcast access password management function; the number of live broadcast viewers is not limited by the number of concurrent sessions, and the number of viewers can be checked through background.
- * You can directly join the conference through the conference number, QR code, and WeChat link without registration. Support mobile phones and other devices to watch the conference live broadcast by scanning the code (QR code), and text chat is supported during the conference live broadcast.
- * The meeting password, meeting control password, and administrator password can be set; it supports AES 128-bit dynamic encryption algorithm and H.235 video meeting encryption standard to ensure the security of the meeting.
- * The meeting notification method supports notification by SMS or email. The corresponding notification message can be set for meeting holding, meeting change, and meeting cancellation; for the mobile APP client, the APP message notification push function is supported.
- * Support Chinese and English subtitles, banners, scrolling messages, and display the name of the venue to meet the auxiliary display function of the meeting.
- * Support FEC forward error correction function, when the data packet loss rate is less than 20% and is not continuous packet loss, the picture will not appear blurred or severely mosaic.
- * Support video soft terminal access to the meeting, and realize the data dual-stream function, in the VCS mode, it can also support electronic whiteboard, voting, meeting sign-in and other functions; the soft terminal can be installed on Windows or MAC computer version, IOS or Android mobile phone tablet terminal.
- * Support intelligent flow control functions, including notification encoding and automatic bit rate adjustment functions. After the notification encoding is started, the MCU will automatically adjust the encoding parameters of the terminal according to the window size displayed on the MCU by the terminal. After the automatic bit rate adjustment function is activated, the MCU will automatically adjust the encoding parameters of the terminal. It can automatically adjust the encoding rate of the MCU according to the packet loss and delay of the transmitted signal.
- * Support the automatic mute function when joining the conference, and the background management terminal supports all mute, all speech functions.
- * Support voice activation control mode. When the terminal speaks, the width of the screen in the screen layout is distinguished by different colors to remind that the conference venue is speaking.
- * VCS conference supports the chairman control conference mode, free mode; in this mode, the chairman terminal can realize functions such as conference management and screen layout.
- * Support audiovisual coding selection function, can realize audiovisual synchronous coding or pure audio coding.
- * Support the function of re-invitation at the venue breakpoint; when always invite is selected, the MCU will re-invite the terminal to join the meeting every 10 seconds after the terminal is abnormally disconnected, until the terminal joins the meeting. When selecting limited invitation, you need to set the number of invitations. If the number of invitations exceeds the set number, the MCU will no longer invite. If you choose not to invite, the MCU will not actively invite the terminal to join the conference after the terminal is abnormally disconnected.
- * Support the background remote control terminal's camera to move up, down, left, and right, focus, and zoom.
- * It supports the function of setting and displaying the name of the conference venue, and can set whether to display the name and display position, font color, background color, font size, and font transparency of all conference venues on the conference screen.
- * Support the banner function. You can add a banner on the conference screen, and you can set whether to enable the banner and the font size, font color, background color and transparency of the banner.
- * Support scrolling message function. You can send scrolling messages, and you can set whether to enable scrolling messages and the font size, font color, background color, transparency, and scrolling times of the scrolling messages.
- * Support conference management functions such as extending the meeting time, ending the meeting, appointing the chairman venue, auto-filling, switching layout, audio receiving, audio sending, video receiving, video sending, video adjustment, information query, depriving the chairman, hanging up/calling, group management of conference venues and designated viewing screens.
- * Chinese and English management interface. It can realize Chinese and English WEB management, which is in line with Chinese usage habits; realize device management, user management, and conference management through Web.
- * Support remote control and remote upgrade function.
- * Support hierarchical user permission management, assign different management and use permission to different users.
- * Support voice priority, support QOS strategy mode.
- * It supports IPV4 and IPV6 protocols; has the ability to cross routers and firewalls, ensures system security; and supports the setting of QOS, NAT, H.245 tunnels and other parameters.