



Description

* GEN 3000 series is a new split-type HD video conference terminal, which supports H.265 technology, ultra-low bandwidth to fulfill 4K video effects, integrated with various audio and video interfaces, suitable for various medium and small size of meeting applications.

Features

- * Adopting split type structure, built-in hardware video processing unit, with embedded operating system, non-Windows or Android operating system.
- * Supporting ITU-T H.323 standard protocol, with good compatibility; support VCS protocol, H.239 dual-stream protocol, both main and auxiliary streams can reach 1080P.
- * Paging bandwidth supports 64Kbps-8Mbps; support QCIF, CIF, 4CIF, 480P, D1, 720P, 1080P, video resolution.
- * Supporting 1280*720P 60fps/50fps/30fps/25fps □ 1920*1080P 60fps/50fps/30fps/25fps HD video signal input.
- * Supporting 1280 * 720P 60fps / 50fps / 30fps / 25fps, 1920 * 1080P 60fps / 50fps / 30fps / 25fps, HD video signal output.
- * Supporting H.264, H.264 MP, H.264 HP, H.265 video codec protocol, support G.711, G.722, G.722.1, G.722.1C, OPUS and other audio codec protocols, the highest sound quality Up to 48KHz.
- * Built-in MCU function module, standard configuration supports 16 party conferences, support for built-in MCU conferences to hold mainstream auxiliary stream conferences, support PC version or mobile terminal to join the conference.
- * Supporting the interception of auxiliary stream screen for labeling function, and meet the interactive operation of remote training and teaching.
- * Supporting through 2.4G remote control, web, touch, mouse and keyboard to control the terminal, support remote control wireless mouse control mode.
- * Supporting remotely turn on and off remote video, support wireless mouse mode to drag and change the video position in the screen layout.
- * The terminal adopts the B/S management structure and Can be remotely managed by logging in to the web via a browser.
- * Supporting the chairman control mode. If getting the chairman's right, the parameters such as the encoding rate and resolution of the dual-stream from all terminals can be controlled. The PTZ camera can move up, down, left, and right, and focus and zoom.
- * Supporting viewing the remote auxiliary stream screen, and can view auxiliary stream pictures from 25 different video terminals at the same time.
- * Supporting single-screen with dual-display, dual-screen with dual-display application functions, support multi-screen layout, picture-in-picture and other common layout types, Single-screen support 25-channels display at the same time.
- * You can control the bandwidth of the dual-stream and PTZ from all remote terminals.
- * Supporting controlling the spoken right of other terminals in the same conference.
- * Equipped with USB interface, support USB storage device; support conference recording function, can directly record video and audio during the conference.
- * The terminal has built-in conferences sign-in, electronic whiteboard, electronic voting, file sharing and other data conferencing functions to meet the needs of remote training, teaching and other scenarios.
- * Supporting the self-repair function in case of IP network packet loss, to ensure that there is no mosaic when the packet loss rate reaches 5%. The conference can still be held normally when the packet loss rate reaches 8%. The image to be acceptable when it is 20% packet loss. Audio is not affected and the conference is guaranteed to proceed normally with 70% packet loss rate.
- * With ultra strong network adaptability, it adjusts the resolution according to the network automatically to ensure the meeting goes fluently.
- * Supporting for banner, add banners to meeting screens, and set whether to enable banner and banner font size, font color, background color, and transparency.
- * Supporting for scrolling messages, send scrolling messages, and set whether to enable scrolling and scrolling message font size, font color, background color, transparency, and number of scrolls.
- * Supporting automatic noise suppression, automatic gain control and automatic echo cancellation, lip sync and other audio processing functions.
- * Supporting the site mute and silence function, and the volume of venue sound is adjustable.
- * Supporting voice priority, QOS policy mode, IP Precedence, Diffserv.
- * Supporting IPV4 and IPV6 protocols, support NAT traversal, and have the ability to cross routers and firewalls to ensure system security.
- * It is with Excellent management and maintainability, support local audio and video loop diagnostics; one-button local audio and video testing; support for network ping test, call log and history query on the operation interface.

| | |
|----------------------|--|
| Mcu Build-in Mcu | 16 sits |
| Framework Protocol | In accordance with ITU H.323 and VCS protocol |
| Video Input | 3-channel HD video input interface, HDMI*3 |
| Video Output | 2-channel HD video output interface, HDMI*2 |
| Audio Input | 2-channel audio input interface, MIC IN*1, LINE IN*1 |
| Audio Output | 2-channel audio output interface, HDMI*1, LINE OUT*1 |
| Internet Port | 1-channel Gigabit Ethernet port, RJ45*1 |
| Usb Interface | 2 USB2.0 ports for connection to expansion devices or online upgrades |
| Video Protocol | Support H.264, H264HP, H264SVC, H.265 video standard protocol |
| Dual Stream Protocol | Support H.239 dual stream protocol |
| Display Method | Support 4:3 and 16:9 |
| Cooling Method | Built-in cooling fan |
| Ambient Temperature | 0°C to 35°C (operating state) -40°C to 55°C (non-operating state) |
| Relative Humidity | 10%~80% (operating status) 0%~95% (non-operating state) (non-condensing) |
| Size | 220mm×210mm×30mm |
| Power Supply | DC 12V |