



Description

The plug-in video conference card supports Ethernet port communication; it can be used with a centralized host to realize the video conferencing host function. It supports ultra-low bandwidth to achieve ultra-high-definition effects. It integrates rich audio and video interfaces and is suitable for various small and medium-sized conference venues.

Feature

- *Adopts a plug-in card structure, built-in hardware video processing unit, and uses an embedded operating system, not Windows, Android, etc.;
- *Supports the repair mechanism when IP network packet loss occurs. When the packet loss of 30% of the network data, the sound is clear and continuous, the video is clear and smooth, no lag and mosaic; when 80% of the network data packet loss, the sound is clear and smooth, and can be accurately understood;
- *Super network adaptability, automatically adjusts the resolution according to the network to ensure smooth meetings;
- *Supports H.239 dual-stream protocol, both primary and auxiliary streams can reach 1080P;
- *Supports single-screen dual-display and dual-screen dual-display application functions, can realize multi-picture layout, supports various common layout types such as picture-in-picture, and a single screen supports 25 channels of picture display at the same time ;
- *Equipped with a USB interface, it supports the connection of USB storage devices; it supports the conference recording function and can directly record the video and audio during the conference;
- *Built-in data conferencing functions such as meeting sign-in, electronic whiteboard, electronic voting, and file sharing;
- *Supports expansion of up to 8 points of built-in MCU functions, and can independently hold 8-party conferences;
- *Supports arbitrarily opening, closing, dragging and dropping the remote video screen ; supports actively opening the remote auxiliary stream video screen;
- *Supports control of the encoding rate, resolution and other parameters of dual streams of all remote venues, and supports PTZ camera control of remote venues;
- *Supports operations such as sending scrolling messages, banners, etc.;
- *Support wireless screen projection function ;
- *Built-in WEB server, which can be managed directly through WEB remote management or remote control; supports network Ping test, network bandwidth test, network packet loss rate test; network status statistics function, can be connected to the communication protocol, rate and packet loss rate of real-time statistics; supports local audio and video loop diagnosis function; one-click local audio and video test; supports query of call logs and historical records.



Video conference card TV-6800MB

HD video conference terminal embedded software V2.1

Specification

Framework Agreement	Compliant with ITU H.323 and SIP protocols
Video input	2 -channel HD video input interface; supports 1280 × 720P 60fps/50fps/30fps/25fps, 1920 × 1080P 60fps/50fps/30fps/25fps
Video output	2-channel high-definition video output interface; supports 1280 × 720P 60fps/50fps/30fps/25fps, 1920 × 1080P 60fps/50fps/30fps/25fps high-definition output
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, can be connected to speakers or mixer
Network port	1 Gigabit network port, RJ45 × 1
USB interface	2 USB interfaces for expansion and online upgrade
Video protocol	Support H.264, H264HP, H264SVC, H.265 video standard protocols
Dual stream protocol	Support H.239 dual-stream protocol
Audio protocol	Supports G.711A, G.711U, G.722, G.722.1, G.722.1 C, OPUS and other audio codec protocol standards
Video resolution	Video resolution supports QCIF, CIF, 4CIF, 480P, D1, 720P, 1080P
Display method	Support 4:3 and 16:9
Access rate	Achieve access rates of 64Kbps–8Mbps
Audio quality	Reach 20KHz (support two-channel stereo effect), opus-48K
Audio processing	Supports automatic noise suppression, automatic gain control and automatic echo cancellation functions
Audio function	Supports mute and silence functions, and adjustable sound output for the venue
Other	Support mixed networking of software and hardware terminals, support NAT traversal, support IP Precedence, Diffserv
Maximum power consumption	10W
Environmental requirement temperature	0°C ~ 35°C (working status) -40°C ~ 55°C (non-working status)
Relative humidity	10% ~ 80% (working status) 0% ~ 95% (non-working status) (no condensation)
Dimensions (L×W×H)	230.9mm×202.8mm×19.7mm
Net weight	0.45Kg