Description

Designed with an 11.6-inch HD display, capacitive touch screen, and a built-in 1080P HD camera, it can make one-way (point-to-point, zonal or all-zone) video intercom, two-way video intercom and monitoring to various terminals in the network. It is suitable for various call centers, alarm centers, duty rooms, leadership offices, conference rooms, etc.

Features

* Use professional audiovisual processing chips and Android operating system, support expansion and customization, support 7*24 hours of uninterrupted operation, highly interactive, stable and reliable.
* The management controller can make a video intercom with extensions or other controllers in duplex mode, by hands-free method, handle, and TALK button; during the intercom, it can stop the other party from speaking, control the door lock of the other party's terminal, and record the content and picture of the conversation.
* Support the controller entrusting management, the management controller can entrust its extension to other first-level controllers for management.
* When the extension call is busy/timeout and no one answers, the call information can be uploaded to other controllers.
* Support call overriding function, the controller can forcibly switch the calling extension to make a new call.
* Support standard SIP communication protocol, two-way intercom with VOIP phone, support multi-SIP account mode, and support connecting multiple SIP servers.
* Support connecting with the video conference MCU, and participants can join the virtual conference room for multi-party video conferences.
* Support the command mode, the commander can issue orders to all members, and only the commander can hear the responses of the members.
* The management controller can automatically monitor each extension under management (the default time for each channel is 10 seconds), and can also monitor any selected extension.
* When there is noise at the extension end, man-made smashing, or illegal forced demolition, it can alarm the controller; when the extension end alarms, it can link with other platforms through TCP connection, e.g. turn on the surveillance camera.
* Support the encryption of data in transmission to prevent others from eavesdropping and use, making calls more secure.
* Support online monitoring function, real-time monitoring of the online status of the extension, convenient for debugging and maintenance.
* Alarm status, intercom status, and online status can be indicated by icons, and device information can be added.
* Support monitoring of the screen of indoor extensions, and monitoring polling can be set.
* Support the access control function, the controller can unlock the room door corresponding to any extension, and can also unlock the zone or all zones.
* Support selecting relevant audio files for broadcasting in all zones or in designated zones, and setting the loop playback mode.
* Support the function of timed broadcast and one-way talk broadcast in the zonal mode, all-zone mode, a single zone, and a single terminal mode.
* Support access to FM/MP3 smart players, CD players, MP3 players and other audio source devices for broadcasting.
* The management controller can record the call process (local SD card recording), support automatic recording, and the query, playback, storage, and upload to the server.
* Support information release function, and support receiving audio and picture broadcasts from the server; audio, pictures, text and other information can be released to a single device, multiple devices, and zones; operations such as deleting and stopping information release can be performed during the information release process.
* Support the connection with the digital IP PA system, make a two-way intercom, talk, and broadcast to the broadcasting terminal.
* Support the initiation of timed sign-in function, start of sign-in tasks, and support viewing the sign-in records. Users can search the sign-in records by date, including the photo of the sign-in personnel, sign-in status, sign-in time, etc.
* Support remote upgrade function, support firmware upgrade through LAN, convenient and labor-saving.
* Designed with rich interfaces to meet various functions, including USB3.0 interface, HDMI HD output interface, RS485 interface and so on.
* Equipped with one HDMI output, support HDMI output on a large screen, and realize the same display or different display of dual screens.
* Support multi-channel VIS cascade to realize more equipment management.
* Support public network deployment, support long-distance calls across network segments, and no longer limited to LAN inner connections.
* Support multi-party video calls, support a maximum of 6-party video calls and 32-channel voice calls.
* Support the installation of third-party applications.

Video Intercom Management Controller

Embedded software: digital IP PA system V3.0
TV-6901B

Specifications

Model	TV-6901B
Operating system	Android operating system
Display screen	11.6-inch HD display, capacitive multi-touch screen
Display resolution	1920*1080
Network port	Standard RJ45 interface
Transmission rate	10M/100M/1000Mbps
Communication protocol	TCP/IP, UDP, IGMP, RTSP, RTMP, ONVIF
Antenna interface	Support 2.4G/5GWiFi, and Bluetooth
Internet	4G (optional)
Audio format	WAV, MP3
Output frequency	20Hz~20KHz
Audio protocol	G.711a/u, G.722, AAC
Audio sampling rate	16K~48KHz
Audio mode	16-bit stereo
Built-in speaker impedance power	4Ω, 3W
Audio stream	16Kb~192Kb
Audio port	One 3.5mm input, one 3.5mm output
MIC input sensitivity	10mV
THD	0.1%
SNR	>85dB
Video port	One HDMI output, support HDMI1.4
Video protocol	SIP
Video stream	512Kb-4Mb
Video camera	Built-in, 5M
Handle	One external handle (handset call)
Other interfaces	1 USB3.0 interface, 1 RS485 interface, 1 SIM card, 1 TF card interface, 1 TYPEC interface, 1 relay interface
Power supply mode	External DC power supply
Power supply	DC12V2.5A
Power consumption	10W
Working temperature	-20℃~50℃
Working humidity	10%~90% relative humidity, no condensation
Weight	3.4Kg
Dimension	370*200*145mm (L×W×H)
Installation method	Desktop