



Video Intercom Management Controller

Embedded software: IP intercom system V1.0

TV-6915



Description

With dual 15.6-inch 1920*1080 HD capacitive touch screens, it can perform 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 and other occasions.

Features

- * Using professional audiovisual processing chip and Android operating system, it has strong interactivity, supports extension and customization, and can perform 7*24 hours of uninterrupted and stable operation.
- * The management host can have a duplex video intercom with its intercom terminals or other hosts, and the intercom methods include hands-free, handle, and TALK button; during the intercom, it can prohibit the other party from speaking, control the door lock of the other party's terminal, and start recording the conversation content and screen.
- * Support hosting, the management host can host its intercom terminals to other first-level hosts for management.
- * When the intercom terminal's call is busy/time-out and no one answers, the call information can be uploaded to other hosts.
- * Support call overriding function, the host can forcibly switch the calling intercom terminals to establish a new call.
- * Support standard SIP communication protocol, carry out two-way intercom with VOIP phone, support multiple SIP account mode, and support connecting to multiple SIP servers;
- * Support connecting with the video conference MCU, and participants can join the virtual conference room for multi-party video conference.
- * Support command mode, the commander can issue orders to all members, and only the commander can hear the member's response.
- * The management host can automatically monitor each intercom terminal under management (the default time for each channel is 10 seconds), and can also monitor any intercom terminal.
- * When there is noise, smashing, or illegal forced demolition at the intercom terminal, it can alarm the host. When the intercom terminal alarms, it will be linked with other platforms through TCP connection. For example: turn on the surveillance camera.
- * Support encryption of data in transit to prevent others from eavesdropping and making calls more secure.
- * Support online monitoring function to monitor the online status of the intercom terminals in real time, which is convenient for debugging and maintenance.
- * Alarm status, intercom status, and online status can be indicated by icons, and device information can be added.
- * Support access control function, the host can unlock the room door corresponding to any intercom terminal, and can also unlock the single zone or all zones.
- * Support selecting relevant audio files for all-zone broadcasting and zonal broadcasting, and support the audio file loop playback mode.
- * Support scheduled broadcast in some zones, all zones, single zone, or single terminal mode, and support one-way broadcast function.
- * Support access to FM/MP3 smart players, CD players, MP3 players and other audio source equipment to broadcast.
- * The management host can record the call process (local SD card recording), support automatic recording, and then query, play, store, and upload to the server.
- * Support information release function, receive audio and picture broadcasts from the server; release audio, video, pictures, text and other information to a single device, multiple devices, zones; delete, stop information release and perform other operations during the information release process.
- * Support connecting with digital IP PA system to carry out two-way intercom and broadcasting to broadcast terminals.
- * Support remote upgrade function, firmware upgrade can be carried out through the local area network, which is convenient and labor-saving.
- * Designed with versatile interfaces, including USB3.0 and USB2.0 interfaces, HDMI HD output interface, RS485 interface, meeting various functions.
- * With 1 HDMI output, it supports HDMI output on a large screen to achieve screen mirroring.
- * Support multi-channel VIS cascading to achieve more device management.
- * Support public network deployment, support long-distance calls across network segments, and no longer limited to intra-LAN connections.
- * Support multi-party video calls, the system supports up to 6-party video calls and 32-channel voice calls.
- * Support the display of multi-channel monitoring images in turn or single-channel monitoring images in full screen.
- * Support taking pictures and messages, records can be viewed later, and the file is saved locally.
- * Support import of electronic map, display alarm information positioning.
- * Support the installation of third-party APP applications.



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Specifications

Model	TV-6915
Operating system	Android operating system
Display screen	1 5.6-inch HD capacitive multi-touch screen
Resolution	1920*1080
Network	Standard RJ45 interface
Transmission rate	10M/100M/1000Mbps
Communication protocol	TCP/IP, UDP, IGMP, RTSP, ONVIF
Antenna interface	Support 2.4G (optional)
Internet	4G (optional)
Audio format	MP3, WAV
Output frequency	20Hz~20kHz
Audio protocol	G.711a/u, G.722, AAC
Audio sample rate	16kHz~48kHz
Audio mode	16-bit stereo
Built-in speaker impedance power	4Ω, 3W
Audio stream	16Kb~192Kb
Audio interface	One 3.5mm input, one 3.5mm output
Microphone	One external mic pole (hands-free call) One external mic handle (handle call)
MIC input sensitivity	10mV
THD	<0.1%
SNR	>85dB
Video interface	1 HDMI output, support HDMI1.4
Video protocol	SIP
Video stream	512Kb-4Mbs
Camera	Built-in, 8MP; 84° wide angle
RS485&RS232	One 485 interface, connected to door light alarm equipment
IO interface	Two relay normally open output (passive), two control input (passive), used to control door lock equipment and camera linkage
Other interfaces	1 USB 3.0 interface, 3 USB 2.0 interfaces, 1 RS485 interface, 1 RS232 interface, 1 SIM card interface, 1 TF card interface, 1 TYPEC interface
Power supply mode	External DC power supply
Power supply	DC12V2.5A
Power consumption	20W
Working temperature	-20°C~+50°C
Working humidity	10%~90% relative humidity, no condensation
Weight	4.5kg
Dimension (L×H×D)	912*297*91mm
Installation method	Desktop or embedded installation