Video Intercom Server TV-6900

Embedded software: digital IP PA client management software V1.0

Description

The video intercom server is the control center of the video intercom system.

Feature

* The industrial-grade server adopts an embedded platform operating system, and uses server-grade Linux system as the core operating platform, so that the system is free from virus interference and damage, and greatly improves the stability of system operation.
* A single server supports up to 5000 terminal management, supports up to 2000 terminals to broadcast separately, and 1000 terminal video intercom and other real-time functions.
* The server supports multiple languages (Chinese and English), B/S platform operating system architecture, and supports any operating system and any browser for remote access and login.
* Support user login system management, including verification, login, and logout.
* Support zone management of terminals, support creating new zones and adding terminals to the corresponding zones.
* Support door attendance machine personnel list management, you can enter name, number, place of origin, detention date, pictures and other information, and the personnel list can be used for the attendance machine sign-in function.
* Support the management of NFC card information of attendance machines, and support setting one card to be used on multiple attendance machines.
* Support information release function, release audio, picture, text and other information to a single device, multiple devices, zones; delete, stop information release and other operations during the information release process.
* Support the management of resource files of information release, and customize new resources (support image format, audio format) to facilitate rapid information release.
* Support checking the sign-in record in the background, and users can search the sign-in record by date, including the photo of the sign-in person, sign-in status, sign-in time, etc.
* Support adjusting the sensitivity of face recognition, including levels 1-9, level 1 is the highest, level 9 is the lowest; the higher the level, the higher the recognition accuracy, and the recognition time will increase accordingly; support adjusting the sensing distance of face recognition.
* Support viewing the alarm type, alarm time and alarm location of the alarm terminal, and managing the alarm information.
* Support viewing call records, including the caller, the called, call time, call duration, answering status and other information.
* Support monitoring the video intercom extension screen, support setting the screen layout as 1, 2, 4, 9, 12 split screens (the number of open monitoring videos is limited by the performance of the local computer and does not occupy server resources), support the configuration of the shortest delay, balance, and fluency mode for monitoring and management of playback performance, suitable for different computers and network performances.
* Support viewing, downloading, and deleting the recorded video files of the system, as well as VOD.
* Support recording surveillance video, and the maximum recording time can be set to 999 hours.
* Supports custom setting of task priorities, including speech, intercom, and broadcast. The alarm task is the highest priority and cannot be modified.
* There are optional single-task and multi-task modes. When the server is in single-task mode, the server is only allowed to have one information release task at a time; when the server is in multi-task mode, the server is allowed to have multiple information release tasks at a time.
* Support log import, support setting log import password, ensuring the security of data files.
* Support setting the hold time for the sign-in record. After exceeding the preset time, the old sign-in record will be deleted to prevent insufficient hard disk space on the server.
* Support remote version upgrade of management server, door attendance machine, indoor extension and other equipment.
* Support operations such as viewing, restarting, modifying, and deleting the basic information of the device; support batch update of the device address book.
* Support extension of video broadcasting functions.

Specification

Model	TV-6900
Software operating platform	Linux system
Processor	E3-1230v5
Hard disk	Support hot swap, support up to 8 hard disks, standard 8 hard disk cases, compatible with 3.5/2.5-inch hard disk, support Raid 0 1 5 10, standard 1*3.5-inch 1T enterprise hard disk
RAM	Standard 4G ECC DDR4 2400, support maximum 64G DDR4 (4 slots)
I/O interface	1* VGA; 2* Intel Gigabit copper port; 1*IPMI independent remote management port; Front panel: 2*USB2.0; Rear panel: 4*USB2.0; 1*RS232 COM port
Motherboard	Supermicro E3 single-socket server motherboard
Audio format	aac, wav, mp3, ape, ogg, m4a
Image format	bmp, jpg, jpeg, png, tiff
Video format	mp4, swf, rm, avi, mov, flv, 3gp, rmvb
Audio coding format	aac
Video encoding format	H264
Network protocol	HTTP, RTMP, RTSP, TCP, UDP, ICMP, onvif
Network rate	10/100/1000Mbps
Power supply	FSP 500W server power supply
Power voltage	AC 100-240V
Ambient temperature	10℃～35℃ (working state), -40℃～55℃ (non-working state)
Relative humidity	10%～80% (working state), 0%～95% (non working state), no condensation
Dimension (L×W×H)	675×430×88mm
Weight	25kg