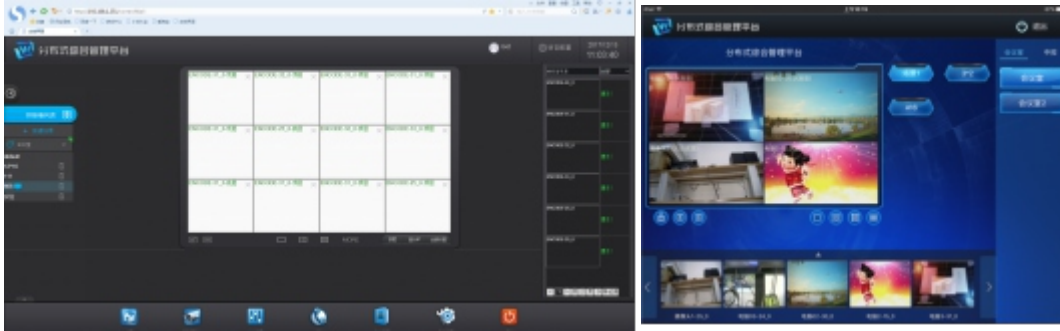




Distributed Integrated Management Platform

Embedded Software V2.0 TV-713AR



Overview

Distributed integrated management platform software is the operation core of the entire system, enabling unified access management of multiple types of signals. Signals are connected to the input box and processed by the system then output to the display system via output box. The system can access audio and video sources such as computer/server/camera/DVD/video terminal, and display these signals to the large display system or output to the sound reinforcement system. Widely used in conference rooms, command centers, video conferences, dispatch centers, lecture halls, banquet halls and other indoor and outdoor venues.

Features

- * The Distributed Integrated Management Platform Software runs on the embedded Linux system, stable and reliable, and can efficiently manage, control, and interact data on the Distributed Integrated Management Platform system devices.
- * Adopt B/S management control architecture, support accessing system background management via WEB, support management and real-time status monitoring of input box (acquisition box) and output box (splicing box) through web browser. Support remote upgrade box application, support automatic detection of box online and offline status, IP address, box name and so on. Supports binding and unbinding of splicing boxes, IP display and other functions.
- * Support Web interface, mobile terminal interface customization, and multi-level management mode. Support different users login management, permission allocation, can realize different control interfaces for different users. Support wireless push video to each display terminal by dragging and dropping. support for remember-password and automatic login function.
- * Support the signal classification and sorting function, which can quickly select the signal source to switch, and realize the real-time preview of the signal source in the mobile terminal or client software, more intuitive and simpler.
- * Support free control, support dragging video source to display control area, realize windows management, splicing, arbitrary zooming, picture-in-picture, picture roaming, etc. of all video signal sources, and realize adjustment of window parameters (overlay relationship, Position, size, proportion, etc.). Drag and drop operation is convenient, and very easy to learn and use.
- * iPad tablet, Android tablet and Windows Client software can achieve visual management, signal switching, picture overlay, picture-in-picture, picture stitching, screen roaming, zoom in/out, screen movement /shutdown of distributed systems, and support real-time monitoring of display control area; Support multi-user multi-platform synchronization operation, support real-time synchronization of different platform operation interfaces.
- * Support HD 1080P output; Support screen splitting, single screen output supports ≥ 16 signals; support screen overlay and up to 16 layers.
- * Support custom editing and pre-save different scenarios, support display plan settings, storage, call. Support audio, video, control signal scene one-click quick call, can define different scene switching effects and scene names. Support custom editing conference mode, call pre-stored conference mode. The scene switching response time is short, ultra-low delay, the picture is extremely smooth, the window operation responds instantly. When the finger leaves the touch screen, the video will immediately appear on the video wall. Supports scene polling and polling time is adjustable.
- * Support system scene one-key recovery function, which can completely restore any control state of the system to the previous state after power-off and restart, including volume level, light status, etc., without setting one by one.
- * Support central control function, free to add controlled equipment, support editable central control, support RS-232, RS-422, RS-485, IR, I/O, TCP/IP and other control methods; support a variety of control selection, configurable central control interface. It can control HD matrix signal switching, power device switch, camera rotation direction and zoom in/out, call preset position, audio volume, light/air-condition power and other central control functions.



Features

- * Support the interactive control architecture of the distributed central control system to realize remote centralized management and scene recall of equipment in conference room, and realize interconnection and interaction of audio and video control in multiple conference rooms.
- * Support KVM agent management function, switch the KVM agent signal by instructions in the signal management interface, a set of keyboard and mouse can be used to operate multiple monitors, making the operating desktop more succinct. Support KVM multi-screen mouse roaming function, support KVM single-screen multi-window mouse roaming function.
- * KVM agent management can realize real-time information capture. By a set of keyboard hot keys, agents can capture any display or video wall information to local display, or push local display information to any display or video wall.
- * Support the playback and stop of dynamic video signals through the tablet terminal, which can realize the PPT page turning (previous page, next page) operation in the PC (server).
- * Support configuration automatic backup of input box (acquisition box) and output box (splicing box). It can automatically restore configuration after power-off and restart, without worrying about data loss.
- * Support input/output box remote firmware upgrade through system background management, no need to upgrade on the site, reducing the work intensity of maintenance personnel.
- * Without external device, system supports to add, delete, modify subtitles in any position of the full screen, support custom settings font, font size, color and so on.
- * Without external device, system supports to add text or images on input source as input source identification. The font, font size, color, and background color of text identification can be customized. Its overall size can be adjusted according to actual condition.
- * System supports the ONVIF protocol, can auto search IP camera supporting ONVIF protocol. And the IP camera signal can be connected to the distributed integrated management system. With video distribution system, it supports access to signals of 1000 IP cameras. With the recording server, the IP camera content can be stored and recorded, and can be previewed, downloaded, and played back through the background.
- * Support recording and storage of audio and video signals collected by the input box, and support up to 8 channels of signals.