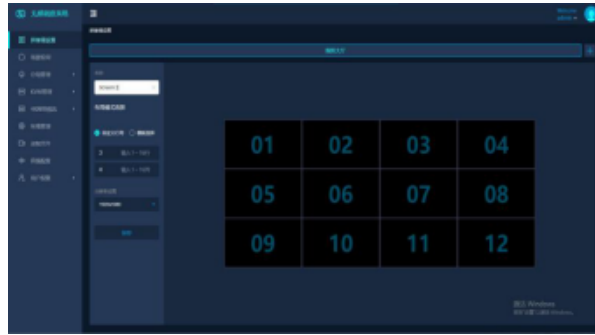




# Fiber Matrix command and dispatch service

## software TS-9500R software V6.32



### Description:

Embedded in the senseless dispatching platform server, running on the Windows Server 2016 operating system, the senseless dispatching system management software supports B/S management and is mainly responsible for the system management of the senseless dispatching. It is the core server software of the platform. The system integrates five management systems such as KVM seating management, large-screen display, IoT control, video recording, and audio control, and supports third-party system access.

### Feature:

- \*Runs in Windows Server 2016 operating system environment, supports B/S and C/S architecture, and is mainly responsible for system management.
- \*Support web access system background management, support management and monitoring of input box (collection box) and output box (display box) through web browser. Extensible support for using iPad tablet software and Windows computer client to perform visual management, signal switching, picture overlay, picture-in-picture, picture splicing, picture roaming, picture zooming in/out, picture moving/closing and other operations on the fiber matrix command and dispatch system. Support Real-time monitoring of the display control area; supports multi-user and multi-platform synchronous operations, and supports real-time synchronization of operating interfaces on different platforms.
- \*Supports station logo setting and supports text logo display superimposed on images;
- \*Support basemap setting, support large-screen basemap display, and support high-definition image upload and display;
- \*Supports subtitle display, supports customized subtitle content, and can set static or dynamic display according to user needs.
- \*The system adopts a private protocol, and the delay between the source and output images is as low as 17ms. Video images are losslessly transmitted, with ultra-clear image quality. The video can support up to 4K\*2K image quality.
- \*The system supports unified management of multiple types of hardware terminals such as IP terminal nodes, optical moment terminal nodes, network video terminals, splicers, and central controls.
- \*Supports signal classification, sorting, and search functions, and can quickly select signal sources for switching. The signal source can be visually previewed on the mobile terminal or client software, making use more intuitive and easier. Supports personalized signal source collection function, and can customize interval polling;
- \*Supports free control, supports dragging video sources to the display control area, and can realize window management, splicing, zooming, picture-in-picture, screen roaming and other functions of all video signal sources, and can realize the adjustment of window parameters (overlay relationship), position, size, proportion, etc.), convenient drag-and-drop operation. Supports signal display area preview on the wall and automatic wall adsorption.
- \*Support stereo switching mode and audio binding.
- \*The third-party RTSP network signal supports multi-picture definition and combination, supports 16-picture synthesis, and supports 16-channel network signal splicing into 1 screen on a large screen.
- \*Support screen superimposition of up to 4 layers, suitable for various data display environments.
- \*Supports custom editing and pre-storing different scenes, supports display plan setting, storage, and calling; supports one-click quick calling of audio, video, and control signal scenes, can define different scene switching effects and scene names, and supports custom editing conferences Mode, call the pre-stored conference mode. The scene switching response time is short and the picture is extremely smooth. It supports scene polling, and the polling time is adjustable. You can select the device, set the polling interval, bottom to top, move up and down, and polling switch. Supports screen lock function to prevent accidental touch.
- \*Supports system network port and optical fiber hot-plug function, plug and play, easy and fast installation.
- \*The system supports dual-link backup function. When the main link fails to work in abnormal situations such as network disconnection/power failure, the system will automatically realize seamless switching of audio, video, and KVM functions to the backup link to ensure the system running stably.
- \*Support the KVM seating management function, invoke the signal management interface through instructions to switch the KVM seating signal; a set of keyboard and mouse can operate on multiple monitors, and the desktop is neat and concise.
- \*Supports mouse roaming function between KVM agents/Matrix agents between multiple screens, supports KVM agent single-screen multi-screen mouse roaming function, and supports Matrix agent 4-split screen mode.
- \*Supports optical moment hot key configuration, supports individual users to configure corresponding shortcut keys, and configures signal push, signal capture, video connection, operation connection, and scene call shortcut operation keys.
- \*Support background web interface, mobile terminal operation interface custom settings, support multi-level management mode; support different user login management, support permission assignment: support displaying different control interfaces for different users, different users can manage and operate different input boxes/output boxes; support password memory function.
- \*Support USB2.0 device transparent transmission function, and can support the use of USB peripherals such as U disk, Ukey, CA certification, mobile hard disk, mobile optical drive, etc.
- \*Support connecting with the recording controller for large-screen display and recording; recording files are saved to the server, recording progress can be viewed in real time, and recording files can be named by yourself.
- \*Supports EDID management, supports custom settings for input and output resolutions, can be saved as EDID templates, and can be imported and exported. Multiple resolution setting modes are available, including: preset resolution and custom resolution.
- \*Support real-time monitoring of the status of access equipment, and timely display of equipment abnormalities or offline.
- \*Support central control function, support adding controlled equipment, support editable central control, support RS-232, RS-422, RS-485, IR, I/O, TCP/IP and other control methods, support multiple optional controls, and support configuring the central control interface freely.
- \*The system supports ONVIF, RTSP, RTMP, RTP protocols, and supports connecting to cameras of various brands such as Haikang, Dahua, Huawei, Kodak, and Univision.
- \*The system supports connecting with the alarm system; using a volume threshold algorithm, it will automatically send an alarm after the video linkage once exceeding a certain threshold.
- \*Support docking and integrated video conferencing functions, support multiple parties to hold meetings anytime and anywhere, adopt digitalization, coding and compression technology, and output audio and video pictures in real time and smoothly to meet people's needs for meetings in remote places; new human-machine interface experience, system integration and interoperability.
- \*Support automated network operation and maintenance detection, support SNMP protocol, and detect the operating status of all equipment, including: optical moment, matrix, central control, recording and broadcasting, splicer, mixer, network video box, video conferencing, paperless, digital conference systems, switches and other system equipment to achieve real-time monitoring and feedback of equipment network operating status, fault alarms, utilization, and system links.
- \*Support direct control of the splicing matrix, support input and output display, display of current access device information, number of boards, signal interface type, board status query, board type identification, message reminder function, support access to multiple splicing matrix management, and supports large-screen echo settings.
- \*Supports optical moment system management and control, supports optical fiber network dual links, uses lossless and uncompressed video, high restoration image quality, and supports 80km long-distance transmission.