



## SIP DISPATCHING SYSTEM

This dispatching system integrates business management platform, and can realize one-key hands-free calling, two-way calling, group calling, one-way monitoring, shouting deterrence, zone broadcasting, background music, security linkage and other functions by connecting to broadcast intercom terminal, network fire gateway, IP camera, SIP voice gateway, SIP phone and other terminals and gateway devices. It is suitable for banks, schools, scenic spots, mines, metallurgy, petrochemical, electricity, ports, prisons, troops, sentry boxes, checkpoints, highways, rail transit, safe cities, smart buildings and other industries.

### Product Features

- Supports mainstream audio and video coding standards such as G.711, G.729, G.723, H.263, H.264, etc.
- Openness: This dispatching system is based on the standard SIP protocol, supports third-party equipment access and interconnection with the customer's existing IP communication system.
- High-definition sound quality: Supports standard broadband voice coding, combined with unique echo cancellation technology, compared with traditional PCMA coding, it can be called fidelity and high-definition sound quality.
- Efficient collaboration: By dividing multiple partitions and configuring multiple consoles, a single console can handle multiple service calls at the same time, and supports collaboration between consoles to improve the service efficiency of the monitoring center.
- Business integration: A single system can support multiple services such as voice assistance, video linkage, fire alarm, access control, etc., and complete monitoring monitoring, business consultation, alarm assistance and other tasks through a unified console interface.
- Dispatching operation: Supports calling, muting, answering, monitoring, multicast, broadcasting, conference and other functions.
- Call and conversation: support dial-up calling, incoming call answering, two-way intercom, hands-free calling, monitoring, intercom recording, multi-line switching, etc.
- Support video linkage function, can support IPC linkage.
- Management function: system management, group management, account management, authority management, hotline management.
- Working temperature: -10°C to +60°C.
- Signaling protocol is SIP, following RFC3261 Standard.
- Routing method: registration database, dial plan.

## FUNCTIONAL CHARACTERISTICS

 <p><b>Intercom Function</b></p>	<ul style="list-style-type: none"> <li>• Two-way intercom, video intercom, multi-party intercom, call recording, line search group, call queuing, forced insertion and removal, environmental monitoring, call monitoring;</li> <li>• Amplified intercom, support point expansion, group expansion, full expansion function.</li> </ul>
 <p><b>Broadcast Function</b></p>	<ul style="list-style-type: none"> <li>• Support trigger broadcast, instant broadcast, scheduled broadcast;</li> <li>• Support shouting broadcast, music broadcast, text broadcast, collection and broadcast broadcast;</li> <li>• Built-in dynamic multicast technology, support broadcast priority;</li> <li>• Support broadcast loudspeaker function, can be automatic or manual loudspeaker;</li> <li>• Support multicast or unicast mode broadcast.</li> </ul>
 <p><b>Video Function</b></p>	<ul style="list-style-type: none"> <li>• Support video preview, intercom linkage, stream switching;</li> <li>• Support Support 1/4 split display;</li> <li>• Supports docking with products of mainstream video surveillance manufacturers such as Hikvision and Dahua.</li> </ul>
 <p><b>Audio/Video Recording</b> (Optional Features)</p>	<ul style="list-style-type: none"> <li>• Audio and video recording supported;</li> <li>• Local audio/video recording supported by server.</li> </ul>
 <p><b>Alarm Linkage</b></p>	<ul style="list-style-type: none"> <li>• Supports alarm reporting, sound and light prompts, alarm processing, and alarm recording;</li> <li>• Alarm plans support broadcast linkage, SMS linkage, switch linkage, and alarm video.</li> </ul>
 <p><b>Electronic Map</b></p>	<ul style="list-style-type: none"> <li>• Supports map layering, hotspot management, status presentation, and linkage operation;</li> <li>• Supports intercom, broadcast, video, alarm and other operations on an electronic map;</li> <li>• Supports Baidu Maps and Google Maps.</li> </ul>
 <p><b>Open API</b> (Optional Paid Features)</p>	<ul style="list-style-type: none"> <li>• Provides API interface to achieve data intercommunication and intelligent linkage with third-party platforms;</li> <li>• Adopts HTTP protocol to support functions such as data exchange and linkage instructions.</li> </ul>

## APPLICATION



## TECHNICAL SPECIFICATIONS

Model name	JR-TNS-T60	JR-TNS-T120	JR-TNS-T240	JR-TNS-T500
Power supply	100~220V AC	100~220V AC	100~220V AC	100~220V AC
Power consumption	≤35W	≤35W	≤35W	≤35W
Storage	500GB	500GB	500GB	500GB
Operating temperature	-10°C to +60 °C	-10°C to +60 °C	-10°C to +60 °C	-10°C to +60 °C
Dimensions	430×44.5×600mm	430×44.5×600mm	430×44.5×600mm	430×44.5×600mm
Network port	10/100/1000M	10/100/1000M	10/100/1000M	10/100/1000M
Number of registered terminals	60	120	240	500
Number of concurrent calls	20	50	100	200
Concurrent recording channels	8	8	8	8
Number of console accesses	1	1	1	1

