

SIP PA Management Software

RXW-SIP20S is an advanced integrated communication platform, independently developed to deliver high-performance data processing along with stable and reliable communication capabilities. It seamlessly combines multiple communication functions—including public broadcasting, video intercom, video conferencing, voice monitoring, and information distribution—into one unified and efficient system. Engineered to meet modern industry demands, it ensures secure, seamless, and uninterrupted connectivity. Built on a robust architecture with intelligent features, the RXW-SIP20S offers a highly dependable and scalable solution, making it ideal for a wide range of industrial and commercial applications.

1. Unified Management & User Interface

Built on a B/S (Browser/Server) architecture, enabling centralized management of all IP intercom and public address (PA) devices. Intuitive and user-friendly web interface with a comprehensive dashboard displaying all critical system information in real time. Supports creation, scheduling, and management of timed events, alarm triggers, and customizable event configurations. Enables seamless broadcasting system control via mobile applications, along with advanced user account management and configurable operation Permissions.

2. Broadcasting & Communication Flexibility

Supports multiple real-time broadcasting operations through server sound cards, audio files, terminal devices, and advanced text-to-speech functionality. Offers flexible user-defined call handling, including call transfer, auto-answer, and priority-based call management. Enables seamless uploading and management of audio files and pre-recorded announcements within a centralized media library. Ensures smooth integration with third-party VoIP devices via SIP trunking, providing reliable and unified VoIP communication across systems.

3. System Monitoring and Integration

Comprehensive call log and event log recording with advanced query capabilities, enabling efficient system monitoring, diagnostics, and performance analysis. Open-standard HTTP API support with detailed documentation, allowing seamless integration with third-party systems and facilitating custom application development.

4. PA Functionality

Supports one-to-one calling, group and zone announcements, emergency message playback, recorded audio, system logging, one-click all-zone broadcast, and multi-protocol integration for seamless communication. Designed for reliable, scalable performance, ensuring clear and instant audio delivery across all zones in both routine and emergency situations.

OPERATING SYSTEM	Windows 10 / 11, Windows Server 2012 or later Intel
PROCESSOR (CPU)	Core i5 / i7 or AMD equivalent
MEMORY (RAM)	8GB DDR3 or higher recommended
SYSTEM ARCHITECTURE	64-bit operating system
STORAGE	Minimum 120GB SATA SSD or 500GB HDD Stereo
AUDIO SUPPORT	mixer compatible sound card
APPLICATION ENVIRONMENT	Official (Full) Version Hardware-Based
VALIDITY PERIOD	USB Dongle Plug-and-play via USB
ACTIVATION METHOD LICENSE	port on PC Permanent License
TYPE	Windows-based PC Systems
VERSION	

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