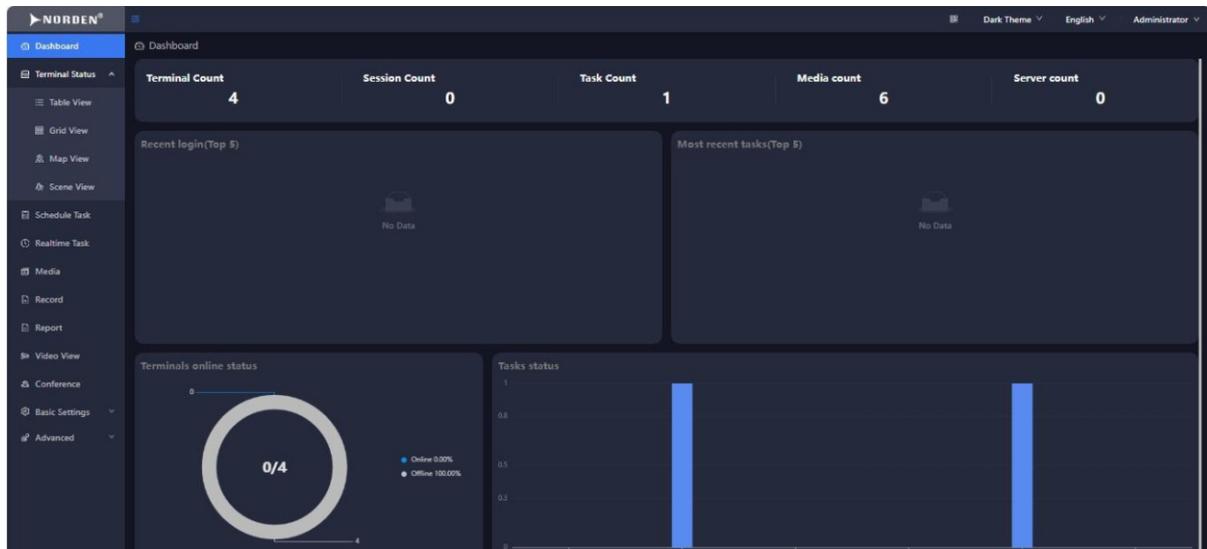


# IP Based PA & Intercom Server Software

IP PA Based System



## DESCRIPTION

The NVS-IP100001SW is an IP-based Public Address (PA) and Intercom Server Software designed to provide centralized management and monitoring of networked PA devices and intercom terminals. It offers seamless integration with multiple NVS IP products, allowing users to register all compatible devices simultaneously with a single click. The software facilitates real-time monitoring, configuration, and maintenance of networked audio and communication systems, enhancing operational efficiency and ensuring reliable communication across large or distributed environments. By leveraging IP technology, it enables remote management, scalability, and flexibility for users in various sectors such as commercial, industrial, and public safety settings.

## FEATURES

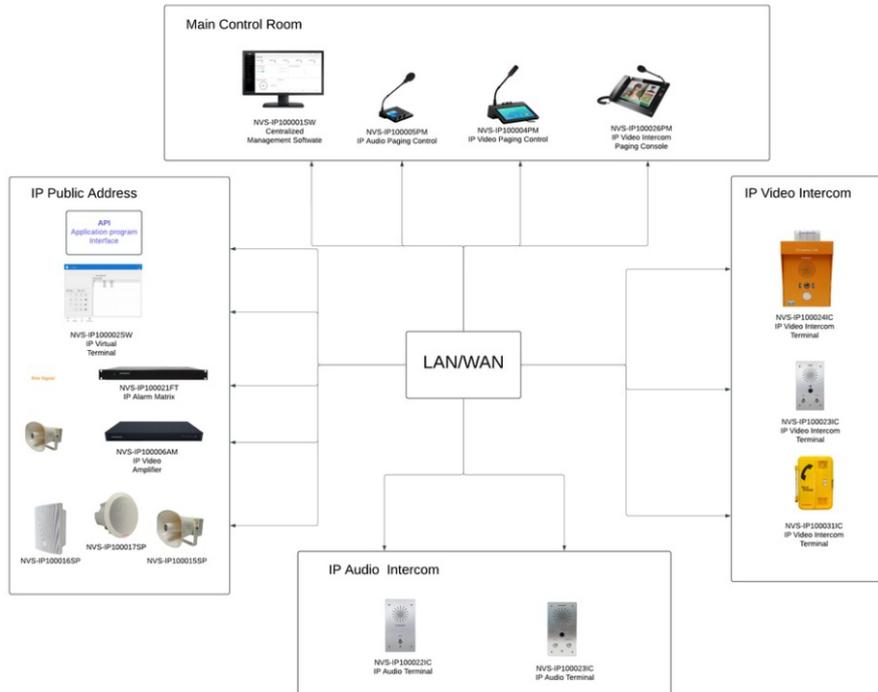
- ◉ B/S(Browser/Server) software architecture for centralized management of all IP intercom and PA devices
- ◉ User-friendly web interface with all critical system information displayed on the Dashboard
- ◉ Creation and scheduling of timed events, alarm events, and customizable event combinations
- ◉ Supports multiple real-time broadcast tasks using server sound card, files, terminals, and speech synthesis
- ◉ Management of broadcasting system through mobile app and user account management, including operation authority settings
- ◉ User-defined call transfer, answer, and call priority settings
- ◉ Upload functionality for audio files and pre-recorded messages to the media library
- ◉ Integration with third-party VOIP phones using SIP trunk for seamless VOIP system connection
- ◉ Call-log and event-log recording and inquiry features for efficient monitoring
- ◉ Standard HTTP API documentation to facilitate integration with other systems and third-party development

Environment Requirements	
Model	NVS-IP100001SW
Operating System	Windows 10, Window Server 2012 and above
CPU	Intel Core I5, I7, AMD
Memory(RAM)	DDR3 4GB and above
System Type	64-bit operating system
Hard Disk	SATA 120G SSD or 500G HDD
Sound Card	Stereo mixer
Network Protocols	TCP/IP, UDP, HTTP/HTTPS, ARP, FTP

# NVS-IP10001SW

# IP Based PA & Intercom Server Software

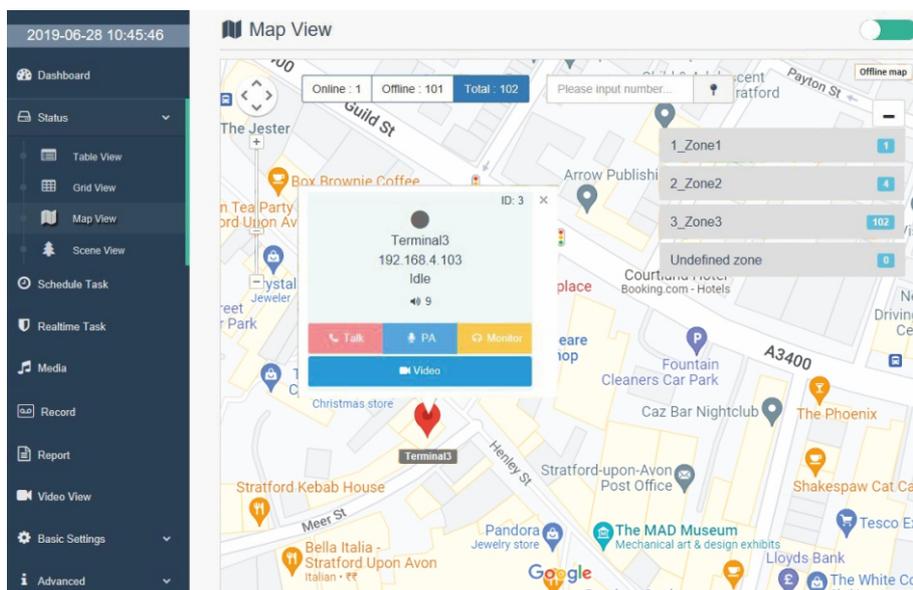
## SYSTEM DIAGRAM



## EXPANDING MODULE APPLICATION

### MAP VIEW

The centralized management software NVS-IP10001SW supports the electronic map function, allowing users to customize terminal locations on the map and quickly access intercom, broadcast, monitoring, and other functions.

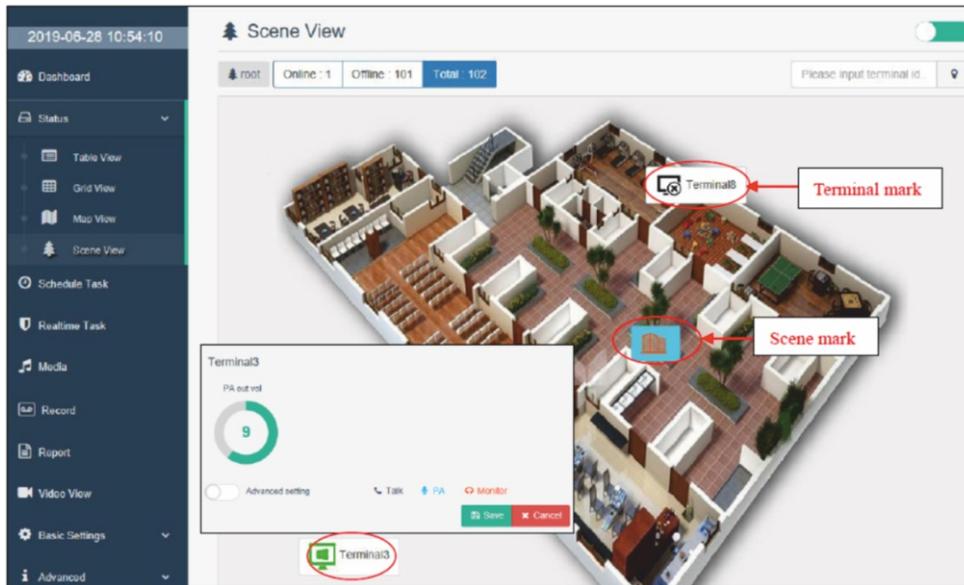


## NVS-IP100001SW

# IP Based PA & Intercom Server Software

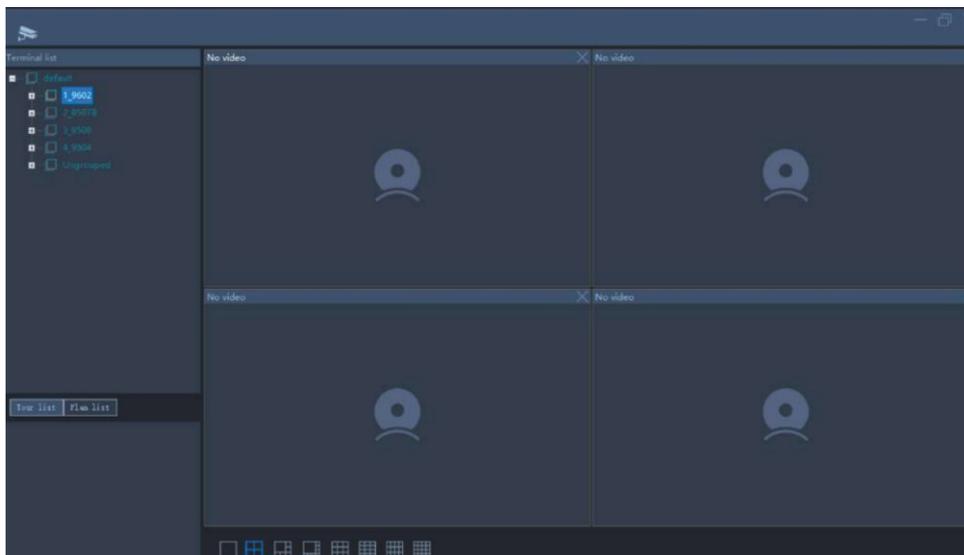
### SCENE VIEW

The centralized management software NVS-IP100001SW supports video viewing, allowing users to bind external IP cameras with IP intercom devices. When the intercom device calls the central microphone, the video from the IP camera will pop up on the NVS-IP100001SW interface. Users can also view real-time video from the IP camera on the module.



### VIDEO VIEW MODULE

The centralized management software NVS-IP100001SW supports video view, allowing users to bind external IP cameras with IP intercom devices. When the intercom device calls the central microphone, the video from the IP camera will pop up on the NVS-IP100001SW interface. Users can also view real-time video from the IP camera on the module.

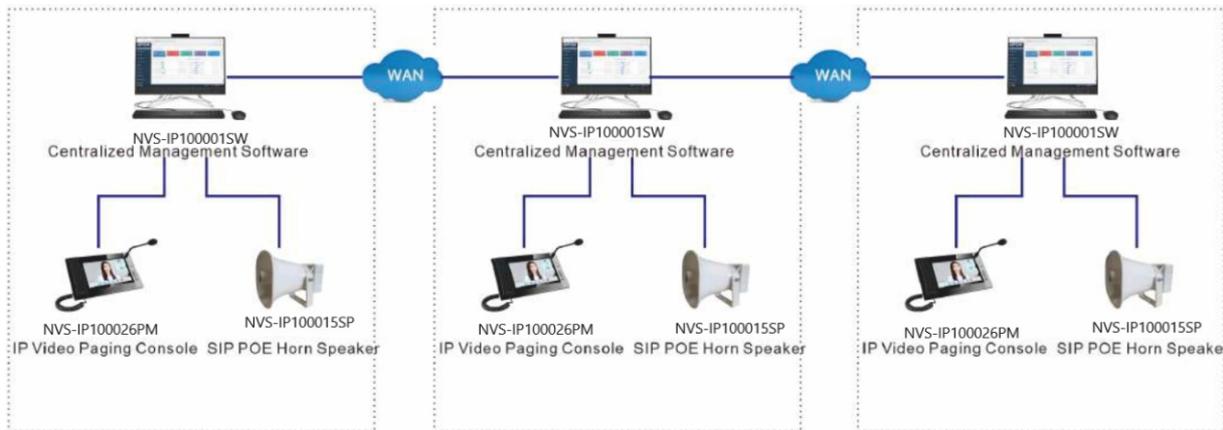


## NVS-IP100001SW

# IP Based PA & Intercom Server Software

### APPLICATION

The centralized management software **NVS-IP100001SW** supports multiple server interconnections to expand scalability. IP intercom or IP PA devices under each server can communicate with each other. The system allows up to 64 server interconnections, expanding capacity to 64,000 terminals.



### ORDERING INFORMATION

Part Number	Description	Standard Quantity
NVS-IP100001SW	IP Based PA & Intercom Server Software	01