

DSP9312NS

Server-free Intercom Paging Station



Description

The Server-free Intercom Paging Station is a simple, flexible one based on multiple transmission protocols such as TCP/IP, SIP, UDP, and so on, which can run completely out of the server. It can not only be used in conjunction with our server-free intercom service terminal, with the paging station as the control center, but also align with the external video intercom devices based on the SIP protocol within the system. It can realize visualization, intercom, paging and control operation, with the characteristics of high stability of traditional paging station, stable and reliable operation and low failure rate. The signal is fully digital transmission design, with intelligent control as the core.

Features

- Can run completely out of the server, and the paging station acts as the control center.
- Automatically search and display each intercom terminal.
- 10.1" TFT true color LCD + capacitive touch screen, supporting five-point touch control.
- It has single, multiple, one-click selection functions of the zones.
- It can operate intercom and broadcasting functions for zones and groups.
- You can display only the regions and groups of interest according to your needs.
- It supports SIP protocol video talk.
- It supports terminal incoming call alerting, with optional ring tone and microphone anti-noise suppression.
- It supports PoE network interface.
- Featured by multi-segment level indication, it has more intuitive paging sound pressure.
- With adjustable screen backlight time and brightness, it is energy-saving.

- Focus on intercom paging function with a user-friendly setup and high stability.
- It supports language switching: Simplified Chinese, English.

Specifications

Model	DSP9312NS	
Line Output	Output Amplitude	1.0 ± 0.1V
	Frequency Response	350Hz-16kHz
	Distortion	≤ 1%
	Signal-to-noise ratio	≥ 71dB
	Sound Track	Mono Track
MIC Input	Input Sensitivity	55 ± 10mV
	Frequency Response	350Hz~3KHz
	Dynamic Range	≥ 12dB
Amplifier Output	Power	1W
	Frequency Response	350Hz~10KHz
	Distortion	≤ 1%
	Signal-to-noise Ratio	≥ 71dB
Network Protocol	TCP/IP, UDP, IGMP, RTP, SIP	
PoE Power Source	IEEE—802.3af	
Interface	Network Interface	RJ45 (10/ 100M);
	Audio Output Interface	3.5mm headphone socket
Other Specifications	Input Power	12VDC/2.5A
	Operating Environment	-20 - +50°C
	Dimensions (height × width × depth mm)	114×330×150
	Package dimensions:	165×370×230
	Net Weight	1.7kg
	Gross Weight	3kg

Front / Rear Panel



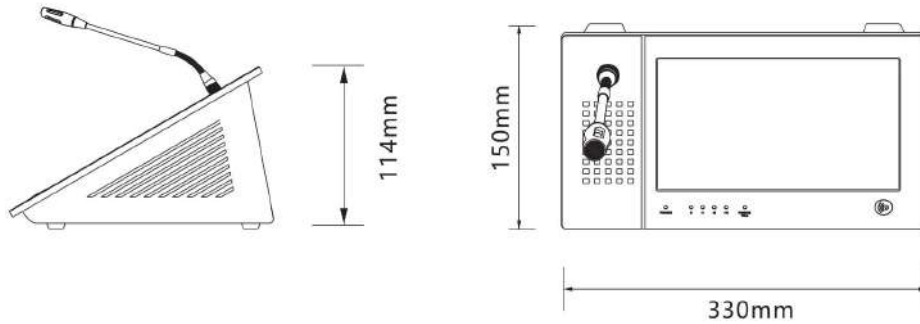
- 1.MIC (Do not knock or bump it when using)
- 2.Horn hole
- 3.Power indicator
- 4.Sensitivity indicator
- 5.Voice indicator

- 6.Voice button
7. Power connection (12V 1A)
8. Network interface (10/100M adaptive LAN port, supporting PoE power source)
9. Line Audio Output Interface (Connected to

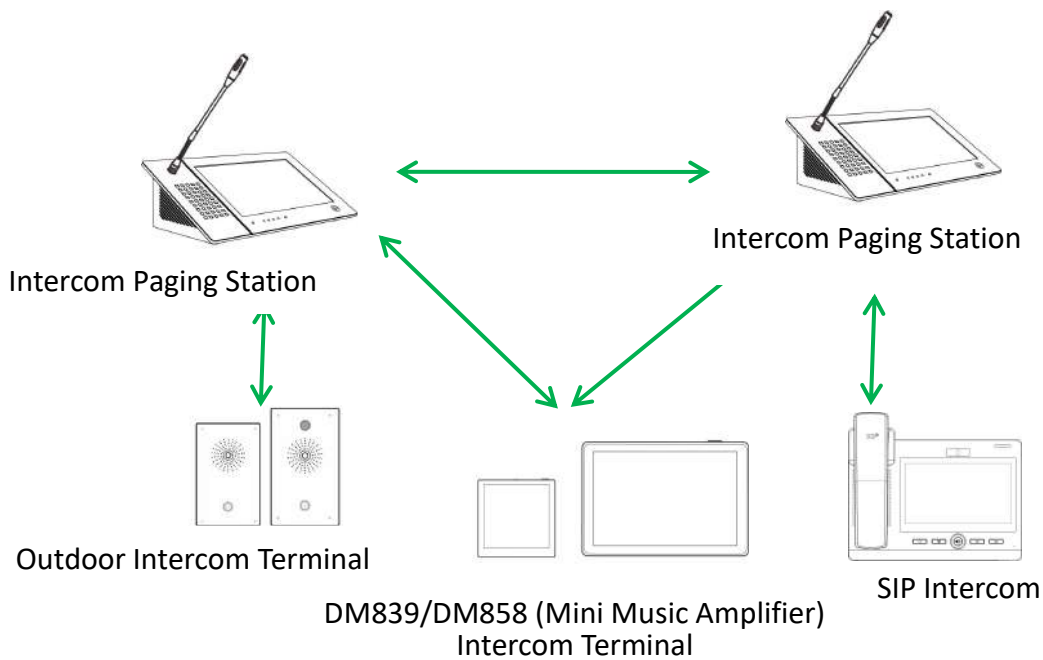
headphones or amplifier devices)

11. SD Card Socket

10. Microphone volume adjustment knob



System Diagram



Note:

1. Devices are connected via network cable.
2. When the terminal is to initiate a talk to the paging station, it must first add the paging station IP address and port, which is fixed at 5060.
3. It can paging and voice/video intercom for any terminal.
4. Intercom can be carried out between paging stations and terminals, and the intelligent mini music amplifier can be used as an intercom terminal, and the third-party standard SIP equipment can also be connected to the system when it is used.
5. Even if the paging station does not exist, the intercom between the terminals can still be carried out.