

IP PA CONTROL MANAGEMENT SERVER



DESCRIPTION

The NVS-IP100042SW is an IP Based Control Management Server enabling control over various audio signals, PA zone allocations and terminal configurations. It also comes with one-touch emergency and microphone, facilitating rapid emergency broadcasts and drills. The device features a 17.3-inch industrial-grade reinforced touch screen accompanied by a retractable keyboard and touchpad offering intuitive touch screen controls. It accesses electronic maps generated by the service software to monitor real time statuses of all PA terminals ensuring complete control. The control management server is applicable to enterprises, campuses, factories, parks, etc.

FEATURES

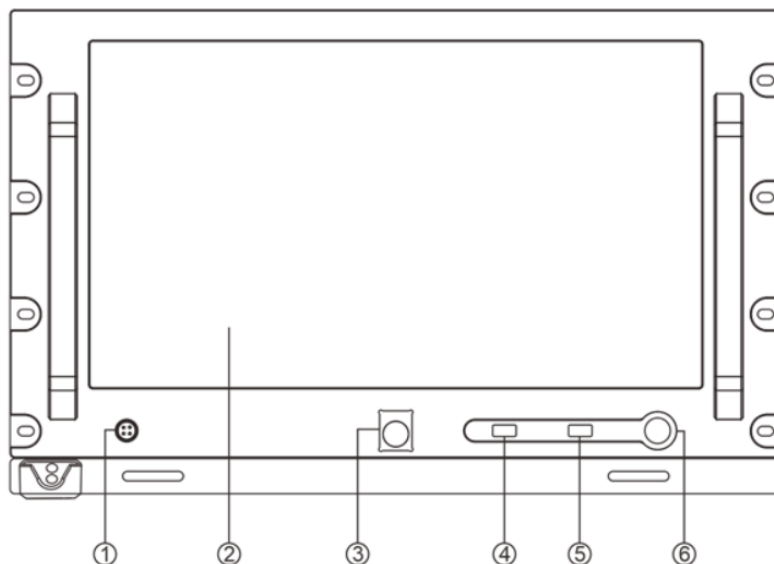
- ⦿ Professional rack-mount industrial computer with durable aluminum alloy for optimal heat dissipation
- ⦿ Equipped with 17.3-inch industrial-grade reinforced touch screen
- ⦿ High-performance motherboard for efficient long-term operation
- ⦿ Large capacity, low-power hard disk with anti-vibration feature
- ⦿ Full control over broadcast system signals, areas, and terminal configuration
- ⦿ Equipped with emergency button and handheld microphone for urgent announcements
- ⦿ Service software for real-time broadcast terminal monitoring
- ⦿ Supportive of controlling all IP based PA systems
- ⦿ Standard RJ45 network port, compatible across various network segments and routers
- ⦿ B/S (Browser/Server) architecture for centralized management of all IP intercom and PA devices
- ⦿ User-friendly web interface with dashboard showing key system information
- ⦿ Creation and scheduling of timed events, alarms, and custom event groups
- ⦿ Supports multiple real-time broadcast tasks via server sound card, audio files, terminals, and speech synthesis
- ⦿ User-defined settings for call transfer, call answering, and call priority
- ⦿ Upload support for audio files and pre-recorded messages to the media library

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- SIP trunk integration for seamless connection with third-party VOIP phones
- Call-log and event-log recording with inquiry functions for monitoring
- Standard HTTP API for integration with other systems and third-party development

Specifications	
Model	NVS-IP100042SW
Power Supply	AC 100-240V~/50-60Hz/4.5 2A
Display	17.3-inch, Brightness: 300, Resolution: 1920x1080
Touch Screen	4-Wire Touch Screen
CPU	Intel I5, Generation 6, Main Frequency: 3.2GHz, Four Cores and Four Threads
RAM	8GB DDR4
Hard disk	256GB 2.5-inch solid state drive
OS Support	Windows® 7/8/10/Linux
Installation method	Rack-mount
Operating temperature	-10°C ~ +55°C
Operating humidity	≤90% RH non-condensing
Built-in Software	NVS-IP100001SW - IP Based PA & Intercom Server Software
Weight	12.8 Kg
Dimension	484x353.5x303 mm

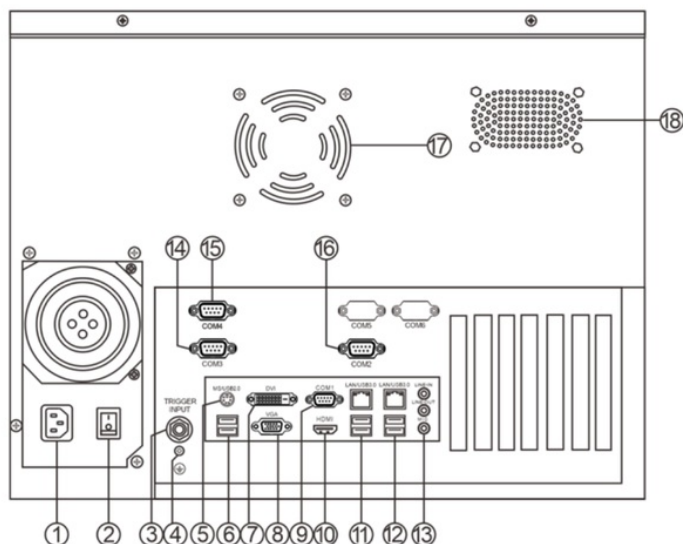
FRONT PANEL



1. Emergency Microphone Jack
2. LCD Touch Screen
3. Emergency Broadcast Button
4. The USB 2.0 port
5. The USB 2.0 port
6. Power switch

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REAR PANEL



1. Power Input
2. Power Switch
3. Trigger Input Interface
4. Grounding Terminal
5. PS/2 Interface
6. Two USB 2.0 Interfaces
7. DVI Interface
8. VGA Interface
9. COM1
10. HDMI Interface
11. RJ45 Network Port And Two USB 3.0 Ports
12. RJ45 Network Port And Two USB 3.0 Ports
13. Line IN, Line OUT, And MIC IN
14. COM3 Interface
15. COM4 Interface
16. COM2 Interface
17. Fan
18. Horn Sound Outlet

ORDERING INFORMATION

Part Number	Description	Standard Quantity
NVS-IP100042SW	IP PA CONTROL MANAGEMENT SERVER	01

ACCESSORIES INFORMATION

Description	Standard Quantity
User Manual	01
Hand-held Mic	01
Power Cord	01