IP PA Control Management Server

NORDEN®

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-inch industrial-grade reinforced touch screen accompanied by a retractable keyboard and touchpad offering intuitive touch screen controls. It access 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.
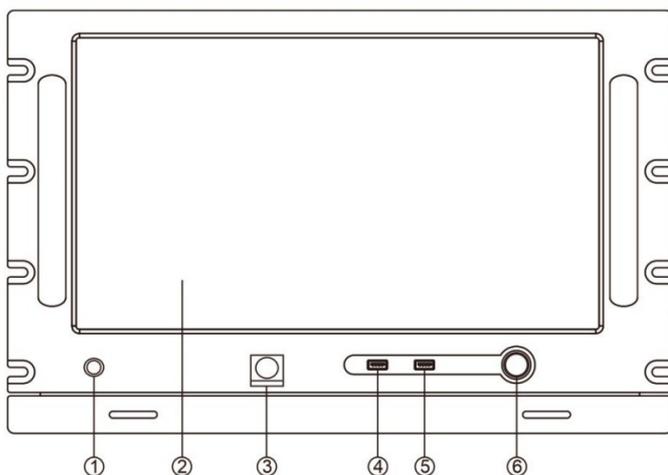
FEATURES

⊙ Professional Rack-type industrial computer box design with an aluminum alloy structure for optimal heat dissipation and durability
⊙ 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) 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
⊙ Management of broadcasting system through mobile app and user account management, including operation authority settings
⊙ Supports multiple real-time broadcast tasks using server sound card, files, terminals, and speech synthesis
⊙ 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

IP PA Control Management Server

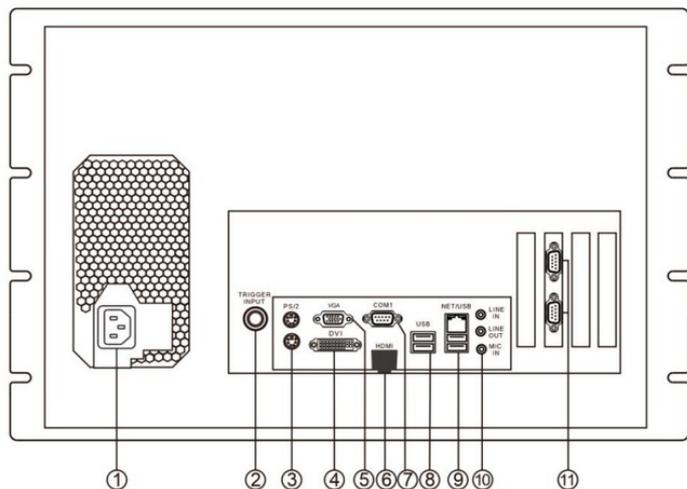| Specifications	
Model	**NVS-IP100042SW**
Display	17.3 inch, 1920*1080, Luminance: 350, Contrast Ratio: 600:1
Operation manner	4-Wire Touch Screen
CPU	I5, Generation 6, Main Frequency: 3.2GHz, Four Cores and Four Threads
Viewing Angle(Horizontal x Vertical)	160°
CPU cooler	Rated Voltage: 12V
	Rated Current: 0.45A
	Rated Speed: 4300RPM±10%
RAM	8GB(Expandable upto 32GB)
Hard disk	240GB SSD
Support windows	Windows 7/8.1/10
Network Protocols	TCP/IP, UDP, HTTP/HTTPS, ARP, FTP
Installation method	Rack-mount
Input power	AC 200-240V/47-63 Hz/3.5A
Operating temperature	-10°C ~ +55°C
Operating humidity	≤90% RH non-condensing
Touch Screen	4-Wire Touch Screen
Pre Install 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. USB 2.0
5. USB 2.0
6. Power Switch

REAR PANEL

IP PA Control Management Server

1. AC 220V Power Input
2. Trigger Input
3. PS/2 Interface
4. DVI-D Interface
5. VGA Interface
6. HDMI Interface
7. COM 1 Interface
8. USB 3.1 Interface
9. RJ45 Interface
10. Line In/Out, Mic In
11. Two COM Interfaces

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