

DSP9100 (2U & 7U)

IP Network PA & Intercom System Server

2U Version



7U Version



Description

The IP PA Intercom-based System is an integrated audio and video communication system that incorporates computer network, PSTN telecommunication network and mobile communication network. The equipment in the system can be interconnected with the equipment in the PSTN network and mobile communication network in the LAN and WAN. Leveraging on the network convergence, it can realize convenient voice, video intercom and broadcast functions at a lower cost.

Features

- With mature IP convergence technology, it can support Internet and telecommunications network integration, and HD voice conversation between fixed-line/mobile numbers and IP network terminals; provide low-latency broadcast, intercom, conference, recording, monitoring and other functions in WAN environment.
- With the powerful VOIP relay server, it can support seamless bridge with Cisco, Avaya, HUAWEI, 3CX and other well-known VOIP servers at home and abroad to realize the interaction of voice, video and text information between multiple systems.
- Support linkage with mainstream cameras such as Hikvision and Dahua to achieve AI broadcast functions such as event triggering and event broadcasting, and integrate iFlytek TTS module with clear and natural voice.
- Based on the Linux system and B/S architecture, you can log in the system through any PC or mobile platform browser.
- With background broadcast, emergency broadcast, voice intercom, video intercom, monitoring and

video monitoring functions.

- Support custom grouping operations on all zones, for broadcast and volume adjustment.
- Can display group information, zone status (switch/volume/real-time program name), program list, and timing point information.
- Support broadcast program operations for one or more groups/zones.
- Can create multiple timing schemes with multiple timing points, and support timing schemes backup storage and direct import/export, as well as add/modify/delete timing points and send them to a designated zone.
- Support EQ and Bass enhancement.
- Can manage all network terminal equipment, upgrade and maintain the program sources and timing schemes of the terminal equipment and the equipment.
- Support USB encryption device control function.
- Quick upgrade and maintenance (support cloud upgrade, remote upgrade, and local upgrade).
- 10/100M/1000M self-adapting, support DHCP/IP settings, LAN and WAN.
- Support PSTN.
- Support audio acquisition card.
- Equipped with several USB and VGA interfaces for extension.
- Adopt 17.3-inch touch screen (Only for 7U), built-in large capacity SSD with sensitive touch, fast reading and writing speed and low power consumption.
- Hidden push-pull keyboard and TouchPad for 7U, no need for external keyboard or mouse.
- Adopt professional rack case design and aluminium alloy structure, with high anti-magnetic, anti-dust, anti-impact ability.
- 3C certificate, stable and reliable.

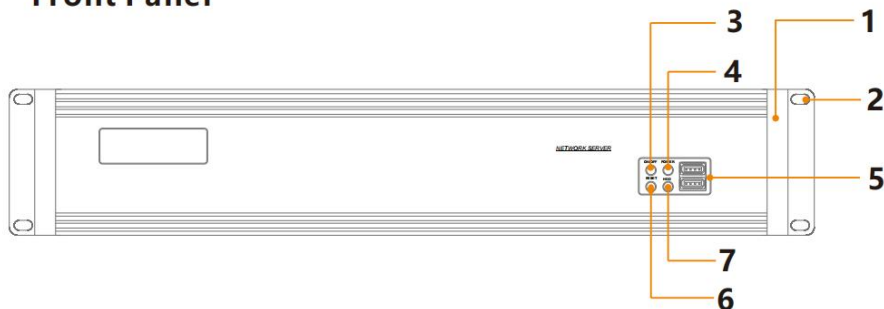
Specifications

Model	DSP9100 (2U)	DSP9100 (7U)
CPU	Intel® Core™ I5 4430 3.0GHz	
RAM	4G/DDR3	
Hard Disk	120G SSD	
Display Screen	/	17.3" 1920×1080, resistive touch screen
Video Interface	VGA, HDMI	VGA
USB	Front: USB × 2, rear: USB × 4	
Protocols	TCP/IP, UDP, ICMP, IGMP (Multicast)	
Network	RTL8111F Gigabit network card chip, support WOL/PXE	
Power Input	ATX power supply (AC180-240V~/47-63Hz/7/3.5A)	
Environment	-10℃~50℃, ≤90%RH (No condensation)	
Package Size(H×W×D)	160×535×470mm	470×535×365mm
Product Size (H×W×D)	88×483×335mm	308×483×340mm
Gross Weight	7.8kg	23.4kg
Net Weight	5.9kg	13.4kg

Product Information

2U Version

Front Panel

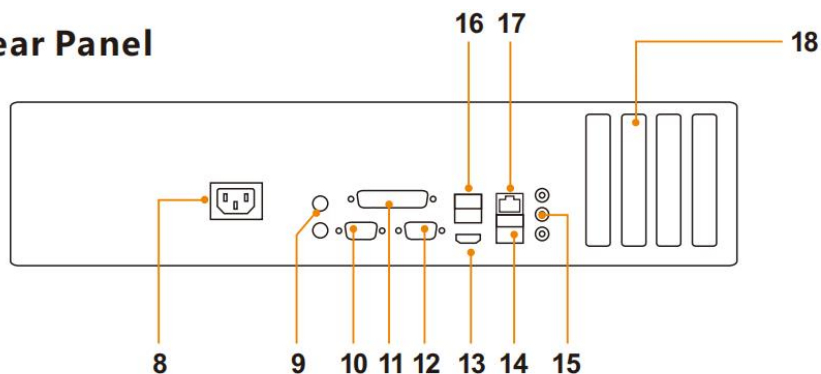


1. Chassis Holder
5. USB

2. Mounting Hole
6. RESET

3. POWER
4. POWER LED
7. HDD LED

Rear Panel



8. Power Interface
12. VGA Interface

9. PS/2 Interface

10. COM Interface

11. Print Interface

12. VGA Interface

13. HDMI Interface

14. USB2.0 Interface

15. Audio Interface

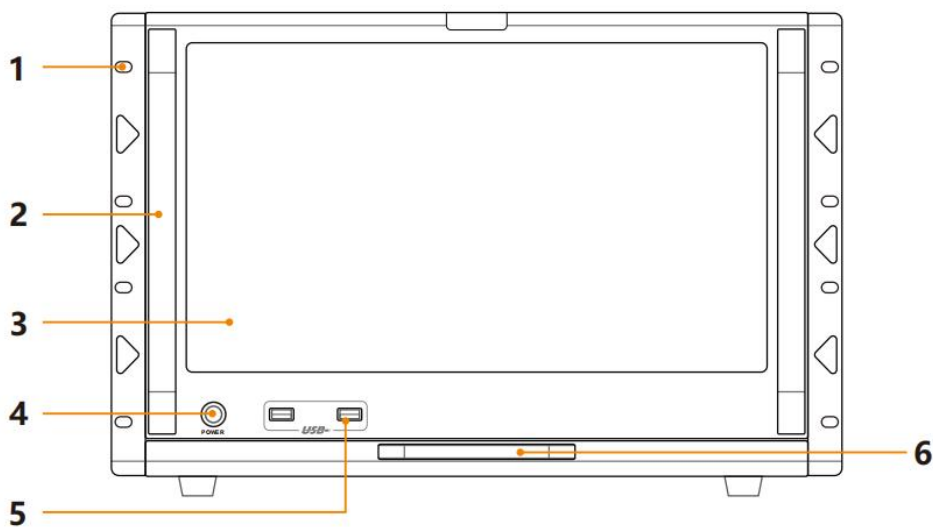
16. USB3.0 Interface

17. Network Interface

18. Micro SD Slot (Support PSTN & audio card)

7U Version

Front Panel

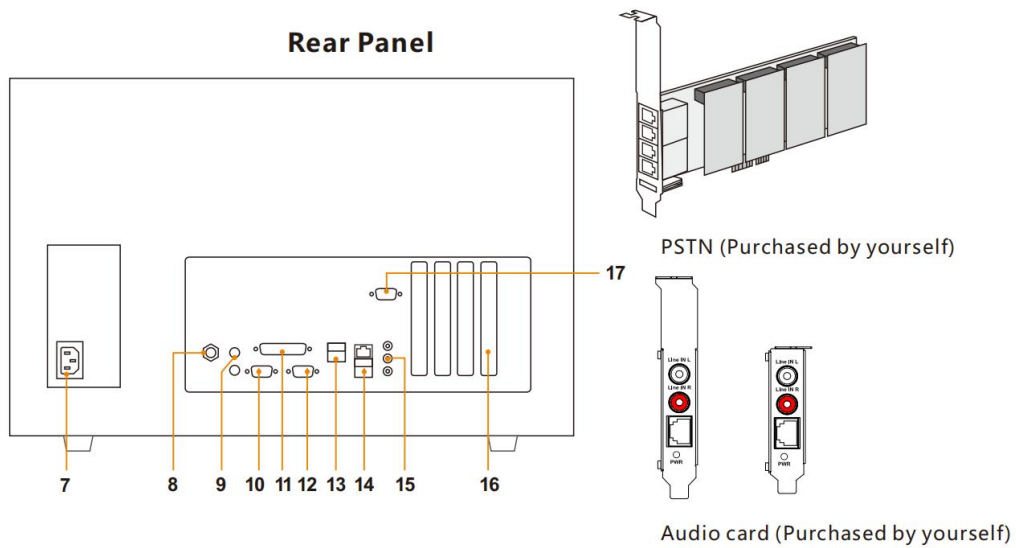


1. Mounting Hole
4. POWER

2. Chassis Holder
5. Front USB Interface

3. Display Touch Screen
6. Keyboard Handle

Rear Panel



- | | | |
|---|--|---------------------|
| 7. Power Interface | 8. Trigger Input Interface (Not available) | 9. PS/2 Interface |
| 10. COM1 Interface | 11. Print Interface | 12. VGA Interface |
| 13. USB3.0 Interface | 14. Network Interface, USB2.0 Interface | 15. Audio Interface |
| 16. Micro SD Slot (Support PSTN & audio card) | | 17. COM2 Interface |