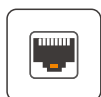
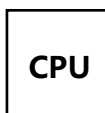


## LS-IPABX-100-8S

LS-IPABX-100-8S is a FXO voice gateway designed for small and medium-sized enterprise office communication applications. The LS-IPABX-100-8S supports a variety of interface types, and can be used with the IAD100 series of FXS gateways, IP phones, etc., through the SIP registration principle to achieve the external call binding of the FXO port. The product adopts the standard SIP protocol, which is in line with the TISpan/IMS standard, can provide rich routing settings and voice functions, and is perfectly compatible with SIP servers and carrier IMS/NGN soft switch platforms. It is suitable for large-scale deployment of carrier projects and enterprise convergence communications. The company has accumulated many years of practical experience and rich technology in SIP protocol, voice processing and embedded system design. Its voice gateway has been adopted by carriers and many enterprises around the world.



A variety of interface types designs, strong compatibility



Top level CPU, Industrial Grade configuration



Software and hardware QoS

### LINUX x2

Dual system configuration, Automatic switching to ensure the normal operation of the system



Support IMS, NGN, SIP Voice Mode Settings



Built-in router function  
Dial-up Internet access/  
broadband allocation, IP address black and whitelist

**FXS interface**

- 8\*RJ11

**Dimension**

- 350x180x43.5mm

**Power input**

- 100~240VAC, 50/60Hz

**Weight**

- < 1.5KG

**Reliability**

- 7X24 hours
- The success rate is greater than 99.999%
- MTBF is greater than 80000 hours

**Case**

- 1U
- Metal Material

**Power**

- 25W

**Processor**

- CORTEX-A9 dual core CPU processor

**Console**

- 1\*RJ45
- 115200bps

**Network interface**

- 1\*WAN
- 3\*LAN
- Full Gigabit Ethernet (1000 Base-T Ethernet)

**Working environment**

- Relative Humidity: 95% non-condensing at 25°C To 30°C when non-operating
- Ambient temperature: 10°C~35°C when operating -40°C~+55°C ambient when Non-operating

**USB**

- 1\*USB 2.0

- Full speed

**Call concurrency**

- Fully concurrent

**Basic Function Voice Protocol**

- Static IP, DHCP, PPPoE
- WAN subinterface
- DHCP server
- NAT
- DNS
- IGMP
- VLAN
- Static routing
- Dynamic routing
- Policy routing
- PPTP
- L2TP
- IPSec SSL
- VPN
- Support Switch VLAN
- Trunk Port
- Support NTP Client
- Support Bandwidth Control
- QoS Policy
- Support Security Firewall
- APR Defense
- DDoS protection

**Voice codec**

- G.711U
- G.711A
- G.723
- G.729

**Voice quality assurance**

- Support echo cancellation
- Silence detection
- Silent compression
- Comfortable background sound generation
- Support jitter buffer
- Support voice frame compensation function
- Support gain adjustment

**Voice service**

- Basic call
- Caller ID display
- Call forwarding
- Three-way calling
- Find malicious calls
- Outgoing barring
- No disturbing
- Abbreviated dialing
- Hotline service
- Alarm clock
- Callback on busy
- Conference call
- Support IMS-based SIP voice service
- NGN SIP voice service
- Voice service based on H.248 protocol

**Log function**

- Support for local logging
- Log upload log server

**Local management**

- Support local HTTP web management
- SSH console interface for remote HTTPS Web management
- Support import and export of gateway configuration files
- Support device reset
- Software upgrade
- System debugging
- Support fault detection
- Equipment status monitoring

**Remote management**

- Remote upgrade function
- SNMP network management protocol
- Tr069 network management protocol
- SYSLOG remote network management protocol