



IAD100-8FXO

LVswitch IAD100-8FXO is the IP voice gateway based on the applications of offices communications of medium-sized and small enterprises. LV switch IAD100-8FXO product can be used with IAD fxs gateway and IP phones etc to realize call bounding through FXO ports.

LVswitch IAD100-8FXO gateway supports multiple interface type, support connecting IAD fxs gateway, IP phones to register through SIP. The product adopts standard SIP protocol, conforms to IMS standard, perfectly compatible with SIP server and operator IMS/NGN soft switching platform, provides flexible and diverse access modes, and is suitable for large-scale deployment of operator projects and enterprise convergent communication. LV switch Inc. has accumulated years of practical experience and abundant technology in SIP protocol, voice processing and embedded system design, and its VoIP gateway has been adopted by operators and many enterprises all over 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 white list



FXO interface

- 8个 (RJ11)

Dimension

- 350x180x43.5mm

Power input

- 100VAC-240VAC
50/60Hz

Weight

- < 1.5KG

Reliability

- 7X24 hrs
- 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 port
(1000 Base-T Ethernet)

Working environment

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

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

- Supports 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
- Do not disturb
- 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
- Supports 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

