

AT-90XE 64FXS



The IAD products are high-performance, multi-purpose voice access gateways specifically designed for small and medium enterprises. These products offer support for data, voice, security, VPN, and other functionalities to cater to the requirements of operators or virtual operators as well as enterprise units in providing users with IP access. Additionally, these products can be used in conjunction with IPPBX equipment to establish efficient voice communication services across different regions for government agencies, enterprises, schools, and other departments.

The IAD products encompass a variety of interface types that facilitate connections with analog telephones, fax machines, personal computers, and broadband networks. They utilize the standard SIP protocol and comply with TISpan/IMS standards while being fully compatible with IPPBX systems, SIP servers, and carrier IMS/NGN software exchange platforms. This makes them ideal for large-scale deployments in carrier projects and enterprise convergence by offering flexible access modes through their expertise in SIP technology voice processing, and embedded system design which has been honed over many years of practical experience.



A variety of interface

types designs, strong

CPU

Top level CPU,

Industrial Grade



Software and

LINUX x2

Dual system configuration,

Automatic switching to



Support IMS, NGN, SIP

Voice Mode Settings



Built-in router function

Dial-up Internet access/

FXS interface

- 64 (RJ45)

Dimension

- 443x356x64mm

Power input

- 100~240VAC; 50/60Hz

Weight

- < 8KG

Reliability

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

Case

- 1.5U
- Metal material

Power

- 150W

Processor

- CORTEX-A9 dual core CPU processor

Console

- 1*RJ45
- 115200bps

Network interface

- 1*WAN
- 2*LAN
- Full Gigabit Ethernet port (1000 Base-T Ethernet)

Working enviroment

- temperature and humidity:-5~55°C less than 95% (non condensing)

USB

- 1*USB 2.0
- Full speed

Call concurrency

- Fully concurrent

Basic function voice protocol

- Static IP, DHCP, PPPoE
- WAN sub-interface
- DHCP server
- NAT
- DNS
- IGMP
- VLAN
- Static route
- Dynamic route
- Policy route
- 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

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

Voice quality assurance

- Support echo cancellation
- Mute detection
- Mute compression
- Comfortable background sound generation
- Support jitter buffer
- Support voice frame

compensation function

- Support gain adjustment

Voice service

- Basic calling
- Caller ID display
- Call forward
- Three-way calling
- Find malicious calls
- Call restriction
- DND
- Abbreviated dial
- Alarm clock
- Callback on busy
- Conference call
- Support IMS-based SIP voice service
- NGN SIP voice service
- Voice Service Based on H.248

Log function

- Support local logging
- log upload server

Local management

- Support local HTTP web management
- Remote HTTPS Web management
- SSH console interface
- Support import and export of gateway configuration files
- Software device reset
- Software upgrade
- System debug
- Support fault detection
- Support status monitor

Remote management

- Remote update function
- SNMP network management protocol
- TR069 network management protocol
- SYSLOG Remote Network Management Protocol