

FTA5111

1 FXS & FXO VoIP Adapter

FTA5111 is integrated with switching and VoIP functions. With 1 FXS port and 1 FXO port, it can not only provide 1 SIP line for users to make calls but also make you enjoy PSTN calls. With 2 LAN ports, it can provide a convenient data connection, which is suitable for small businesses, SOHO, homes, hotels.

The FTA5111 is based on SIP V2 and compatible with most service providers, which brings great convenience when deploying VoIP network. It is also equipped with SNMP and TR069 protocols, which is easy to achieve unified deployment and centralized management.



Key Features and Benefits

1 FXS Port & 1 FXO Port & 2 LAN Ports

FXS port can connect analog phones, fax machines, POS machines and other devices to the VoIP system, and it supports T.38 and T.30 protocols to provide broad compatibility for the access of fax machines. FXO port can be used to connect PSTN line or analog PBX. LAN port can provide data transmission for PC, printer, IPTV and other devices.

Keep Connected During Power Outages

You can make and receive calls normally even during a power outage.

SAS

When IP Centrex or PBX fail, the SAS function of FTA5111 can ensure telephony communication continuity and survivability.

Broad Compatibility

FTA5111 is based on SIP V2.0 and compatible with most service providers, which brings great convenience when deploying VoIP network.

TR-069 & SNMP Protocols

Equipped with advanced management protocols such as SNMP and TR069, which is easy to achieve unified deployment and centralized management.

Identify Toll Calls

With a simple configuration, the internal line will no longer receive toll calls.

LED Indicators

The LED indicators include power indicator, WAN port indicator, LAN port indicator, FXS port indicator and FXO port indicator.

Stand-alone Device

FTA5111 is a stand-alone device, which requires no PC to make clear and reliable Internet calls.

Power

- > AC/DC adapter
- > AC Input: 100~240V, 50~60Hz
- > DC Output: 12V, 1A

Operating System

- > Linux 2.6.36

I/O Interfaces

- > 3 x RJ-45 for 10/100 Ethernet ports
- > 1 x RJ11 FXS port
- > 1 x RJ11 FXS port

Environmental

- > Operation temperature: 0~50°C
- > Storage temperature: -25~85°C
- > Relative humidity: 10%~90% Non-condensing

Audio Codec

- > G.711(A/u), PAMS>4.3
- > G.729A/AB, PAMS>4.0
- > T.30 FAX with G.711
- > Real time FAX over IP via T.38
- > Adaptive jitter buffer
- > Voice activity detection
- > Comfort noise generation
- > Echo cancellation

Management

- > Upgradeable firmware
- > Web management interface
- > IVR-driven management interface
- > BSD syslog protocol (RFC3164)
- > Auto provisioning
- > SNTP time synchronization
- > Multi-user access
- > SNMP v2
- > TR069

Protocols

- > SIP V2.0 (RFC 3261, 3262, 3263, 3264)
- > Session initiation protocol (RFC 2543)
- > Session timers (RFC4028)
- > SDP (RFC 2327)
- > RTP/RTCP (RFC1 889/RFC 1890)
- > NAPTR for SIP URI lookup (RFC 2915)
- > STUN (RFC 3489)
- > ARP/RARP (RFC 826/903)
- > NTP/SNTP (RFC 2030)
- > TFTP/HTTP/HTTPS for auto provisioning
- > Message waiting indicator (RFC 3842)
- > DHCP option for SIP servers (RFC 3361)
- > DNS/DNS SRV (RFC 1706/RFC 2782)
- > TR069 (TR098, TR104)
- > IEEE802.1Q VLAN/802.1p/DSCP
- > SNMP v2

Applications

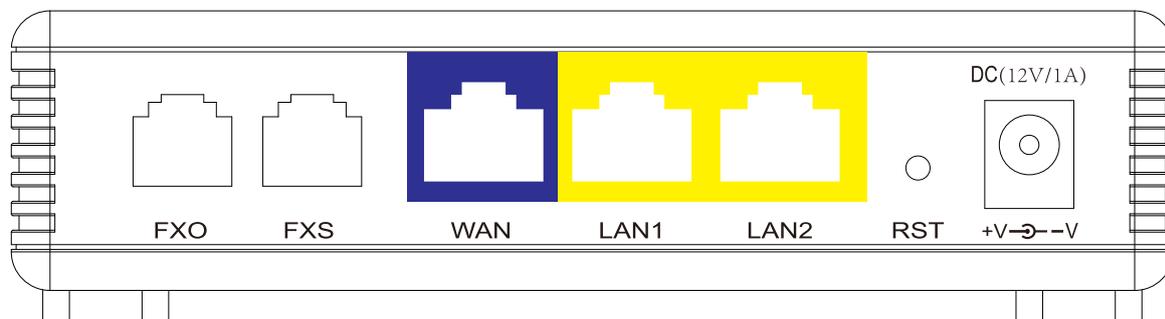
- > Supports NAT mode and bridge mode
- > Supports DDNS
- > MAC address cloning
- > SSIP proxy redundancy
- > NAT passthrough (STUN)
- > Wire-speed NAT routing
- > DHCP client and DHCP server
- > IP conflict detection
- > Port forwarding, DMZ, super DMZ
- > 802.1Q VLAN/802.1p, DSCP, rate limiting
- > VPN passthrough (PPTP, L2TP, OpenVPN), IPSec
- > SNTP
- > IGMP v2
- > Firewall (DDoS attack)

FXS Features

- > 3-way conference
- > Music on hold
- > DTMF mode: In-band, RFC2833, SIP INFO
- > Call hold
- > Call forwarding
- > Call mute
- > Call transfer
- > Call waiting
- > Speed dial
- > Caller ID and CWCID
- > Hotline
- > Dial plan
- > Black list
- > Call log

FXO Features

- > SAS
- > Identify toll calls
- > Dial plan
- > Flash
- > PSTN calling
- > Busy tone detection
- > Two stage dialing
- > Impedance measurement
- > Caller ID (DTMF & FSK)
- > Call routing



About Flyingvoice

Flyingvoice is a leading manufacturer of VoIP phones, VoIP adapters, VoIP gateways and VoIP routers, which are widely used throughout the world and highly praised by international carriers, ITSP, ISP and company users.

Driven by ongoing innovation of VoWLAN, Flyingvoice is committed to making easier VoIP products by enabling the enterprise network and united communication. Our people are continuously improving our products and expanding product applications tailored to clients' requirements, which make you collaborate securely, effectively and efficiently – anytime & anywhere.

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