

## FTA5102E2

### High-performance 2 FXS

### VoIP Adapter

FTA5102E2 is a high-performance VoIP adapter with 2 FXS ports. It can not only provide 2 SIP lines for users to make calls but also support T.38 and T.30 fax protocols.

FTA5102E2 supports dual LAN network ports and NAT routing function. As a portable VoIP adapter, it can be used as an internal desktop switch. Users can enjoy convenient data connection and HD voice.



## Key Features and Benefits

### 2 FXS 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.

### 2 LAN Ports

With 2 LAN ports to provide data transmission for PC, printer, IPTV.

### LED Indicators

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

### Stand-alone Device

FTA5102E2 is a stand-alone device, which requires no PC to make clear and reliable Internet calls.

### TR069 & SNMP Protocols

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

### Broad Compatibility

FTA5102E2 is based on SIP V2.0 and compatible with most service providers, which brings great convenience when deploying VoIP network.

### Power

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

### Operating System

- > Linux 2.6.36

### I/O Interfaces

- > 1 x RJ-45 for 10/100Mbps WAN port
- > 2 x RJ-45 for 10/100Mbps LAN port
- > 2 x RJ11 FXS port
- > RST

### Environmental

- > Operation temperature: 0~50°C
- > Storage temperature: -20~ 85°C
- > Relative humidity: 10%~90% Non-condensing

### Audio Codec

- > G.711(A/u), PESQ > 4
- > G.729A/AB, PESQ > 3.6
- > 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
- > HTTP/HTTPS Web management
- > IVR management
- > Local and remote syslog protocol
- > Auto provisioning
- > SNTP time synchronization
- > Multi-user level access
- > SNMPv2
- > TR069
- > Telnet
- > FACS

### Protocols

- > SIP V2.0 (RFC3261, RFC3262, RFC3263, RFC3264, RFC3265, RFC3515, RFC3891, RFC3892, 3GPP, IMS)
- > SDP (RFC2327)
- > RTP/RTCP (RFC1889/RFC1890)
- > NAPTR for SIP URI lookup (RFC2915)
- > STUN (RFC2030)
- > ARP/RARP (RFC826/RFC903)
- > SNTP (RFC2030)
- > DHCP/PPPoE/Static
- > PPTP/L2TP VPN
- > HTTP/HTTPS Server for Web Management
- > DNS/DNS SRV (RFC1706/RFC2782)
- > TFTP/HTTP/HTTPS for Auto Provisioning
- > DHCP option for SIP server (RFC3361)
- > TR069 (TR098, TR104)
- > IEEE802.1Q VLAN/802.1p/DSCP

### 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

### Applications

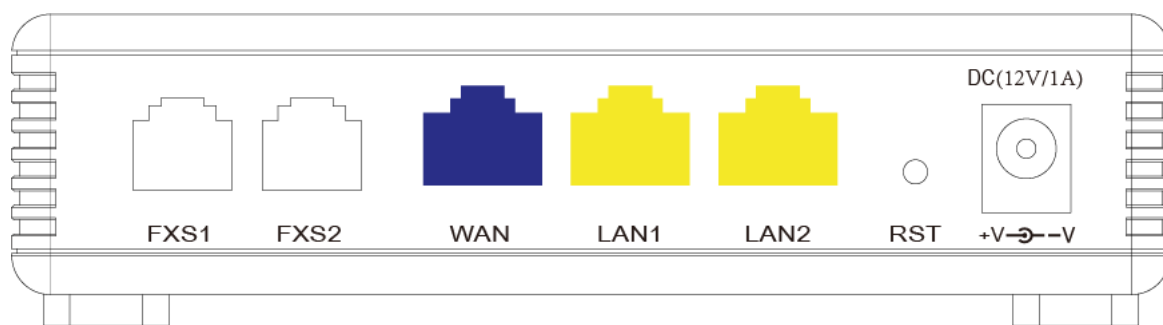
- > NAT and bridge
- > MAC address cloning
- > DHCP client and DHCP server
- > VPN (PPTP, L2TP)
- > SIP proxy redundancy
- > NAT Traversal (STUN)
- > DMZ
- > Layer 3 QoS
- > IP conflict detection
- > SNTP

### Dimension and Weight

- > Dimension: 120mm (L) x 80mm (W) x 32mm (H)
- > Weight: 119g (N.W)

### Package

- > Package content:
  - FTA5102E2
  - Ethernet cable
  - Quick installation guide
  - Power adapter
- > Qty/CTN: 10 PCS
- > N.W/CTN: 4.45 kg
- > G.W/CTN: 4.3 kg
- > Giftbox size: 200mm x 150mm x 60mm
- > Carton meas.: 340mm x 330mm x 230mm



## About Flyingvoice

Flyingvoice is a leading manufacturer of VoIP phones, VoIP adapters 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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## Technical Support

Visit [www.flyingvoice.com](http://www.flyingvoice.com) for product documents and FAQ, or contact Flyingvoice by email at [support@flyingvoice.com](mailto:support@flyingvoice.com). We'll get you the help you need.



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