

## FTA5102E2 VoIP ATA With FaxBack HTTPS Fax

The FTA5102E2 with FaxBack HTTPS Fax is a robust, enterprise-grade ATA engineered to bridge the gap between legacy analog hardware and modern cloud-based workflows. Featuring two (2) FXS ports, the device enables high-definition (HD) voice calls while ensuring seamless compatibility with analog phones, POS machines, and traditional fax hardware.

Unlike standard VoIP adapters that rely only on time-sensitive T.38 or G.711 protocols, this unit utilizes FaxBack's HTTPS Fax technology, employing a secure store-and-forward model. This modern approach eliminates common internet-related failures such as jitter, packet loss, and dropped pages.

## Key Features and Benefits

### 2 FXS Ports for Broad Compatibility

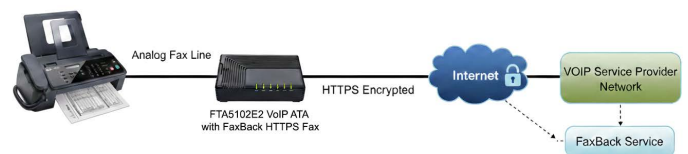
The FTA5102E2 with FaxBack HTTPS Fax is equipped with 2 FXS ports, making it compatible with analog phones, fax machines, POS machines, and other devices. It supports T.38 and T.30 protocols to ensure compatibility with most fax machines.

### 2 LAN Ports for Data Transmission

With two LAN ports, the FTA5102E2 with FaxBack HTTPS Fax provides data transmission for PCs, printers, and IPTVs.

### Stand-alone Device for Ease of Use

The FTA5102E2 with FaxBack HTTPS Fax is a stand-alone device that does not require a PC to make clear and reliable Internet calls.



### TR069 & SNMP Protocols for Easy Management

The device is equipped with advanced management protocols such as SNMP and TR069, enabling unified deployment and centralized management.

### Broad Compatibility

The FTA5102E2 with FaxBack HTTPS Fax is based on SIP V2.0, which ensures compatibility with most service providers, making it a convenient and reliable choice for deploying VoIP networks.

### LED Indicators for Easy Monitoring

The device comes with LED indicators that show power status, WAN port status, LAN port status, and FXS port status.



### 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 Codecs

- > 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

### Dimensions and Weight

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

### Packaging

- > Package contents:
  - 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

