

FTA1101

Compact ATA with Wi-Fi

FTA1101 is a highly integrated ATA gateway that's providing a flexible and compact communication solution. It provides one FXS port for connecting analog telephones, enabling a smooth transition from traditional voice services to IP-based communications. In VoIP environments, FTA1101 delivers reliable voice services while integrating network access and data forwarding functions to support converged voice and data applications. It also supports wireless connectivity for office terminals and basic LAN access. With a built-in plug and simple design, this is the best solution for home-use and office use.



Key Features

AP & Repeater Dual Mode

FTA1101 supports both AP and Repeater modes for flexible Wi-Fi deployment, extended wireless coverage, and improved network connectivity.

Built-in Plug & Compact Design

Built-in power plug with a compact and clean design, saving space while providing a simple and convenient installation experience.

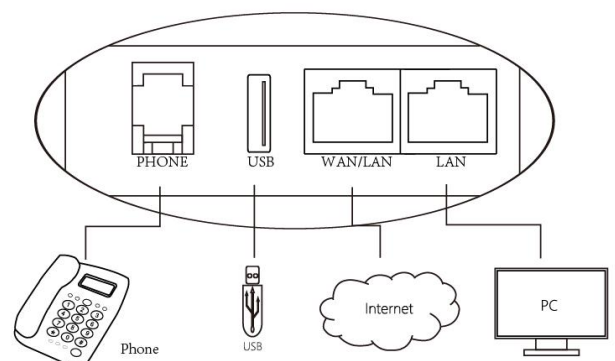
Full-featured SIP Calling

Supports comprehensive SIP calling features, including T.38 and T.30 fax protocols, ensuring reliable voice and fax communication.

TR-069 & Auto Provisioning

FTA1101 not only supports Auto-Provisioning and Auto-upgrade via FACS and TR069, but can be managed remotely by internal web servers, SNMP, and HTTP/TFTP/FTP, bringing great convenience.

- 1 FXS Port
- 2 10/100Mbps Ethernet Ports
- T.38 & T.30
- 2.4 GHz Wi-Fi (AP & Repeater)
- Auto Provision
- USB for Storage
- Integrated Plug



Technical Parameters

VoIP SoC	• CPU:MT7628 MIPS 580MHz
Flash	• 16MB Flash
RAM	• 64MB SDRAM
Power	• AC/DC Adapter AC Input: 100~240V, 50~60Hz
Operating System	• Linux 2.6.21
I/O Interfaces	• 1 RJ-45 for WAN port (Ethernet 100 Base-T) • 1 RJ-45 for LAN port (Ethernet 100 Base-T) • 1 RJ-11 for FXS port • 1 USB port
Environmental	• Operation Temperature: 0~40 Degree C • Storage Temperature: -25~ 85 Degree C • Relative Humidity: 10%~90% No 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	• Firmware Upgradeable • Web Management Interface • IVR-driven Management Interface • Local and Remote Syslog (RFC3164) • Auto Provisioning • SNTP Time Synchronization • Multi User Level • SNMPv2 • TR069 • Support FCMS Cloud Management

Call Features	• 3-way conference • Call hold • Call forwarding • Call transfer • Call waiting • Caller ID and CWCID • DTMF Relay: In-band, Out-band and SIP INFO • QoS Layer 3 • Call Log • CID/CWCID • Dial Plan • DTMF Mode: Inband, outband and SIP Info
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Applications	• Support NAT mode and Bridge mode • Support DDNS • MAC address cloning • SIP proxy redundancy • NAT Traversal by STUN • Built-in Wired speed NAT Router • DHCP Server and Client • IP conflict detection • Port Forwarding, DMZ, SuperDMZ • 802.1Q VLAN/802.1p, DSCP, Rate Limiting • VPN(PPTP,L2TP, IPSec) • SNTP • IGMPv2 • Firewall(SYN Flooding, IP Spoofing, Smurf Attack, Ping of Death, DoS)
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Protocols	• SIP V2.0 (RFC 3261, 3262, 3263, 3264) • Backward compatible with RFC2543 • Session timer (RFC4028) • SDP (RFC2327) • RTP/RTCP (RFC823/903) • NAPTR for SIP URI lookup (RFC2915) • STUN (RFC2030) • ARP/RARP (RFC 826/903) • SNTP (RFC 2030) • DHCP/PPPoE • HTTP Server for Web Management • TFTP/HTTP for Auto Provisioning • Message Waiting Indicator (RFC3842) • DHCP Option Codes for SIP (RFC3361) • DNS/DNS SRV (RFC1706 and RFC 2782) • IEEE802.1Q VLAN/802.1p and IP DSCP
Wireless	• Support 802.11 b/g/n • 4 SSID • Static WEP(64/128bit) • Dynamic WEP(64/128bit) • AES(CCMP/TKIP) • MAC certification • WEP certification • WPA-PAK/WPA-PSK(2.0) • WPA/WPA2 • AP Isolation and MBSSID AP Isolation • WMM • WDS • WPS • Station list • MAC Filter(different from wired MAC Filter)
Size and Weight	• 85mm(L)x85mm(W)x28mm(H) • 120g(N.W)

About FLYINGVOICE

Established in 2007, Flyingvoice is a global SME high-tech enterprise specializing in network communication terminal products. With research hubs strategically located in Bangkok, Hong Kong, and Shenzhen, and manufacturing facilities in Shenzhen and Vietnam, we ensure cutting-edge innovation and reliable production.

After more than 10 years of development, Flyingvoice has curated three product lines: IP Phones, POTS Replacement, and 5G FWA. Our mission is to provide SME customers with easily deployable and manageable network communication terminal products, along with voice and data communication solutions. We also offer the most comprehensive POTS Replacement solutions in the industry.

Flyingvoice products meet rigorous telecom-grade standards and are widely embraced by leading carriers globally. As of 2023, our POTS replacement products are favored by carriers in South Korea and North America, while IP Phones are extensively utilized in South Korea, India, and China. Notably, Flyingvoice's 5G FWA products have been mass deployed by carriers in China and India.

At the same time, Flyingvoice places great emphasis on supporting enterprise integration clients. With distribution and integration partners across major countries and regions worldwide, we've built a robust technical support system, guaranteeing efficient service delivery to our customers.

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Flyingvoice Network Technology Co., Ltd.

Website: www.flyingvoice.com

Add: 1804, Building 1, Chongwen Park, Nanshan Zhiyuan, Nanshan District, Shenzhen, China

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