ReadyNet SOLUTIONS™

FTA5102E2 VoIP ATA
With 2 FXS Ports

The FTA5102E2 is a reliable and high performance VoIP adapter with 2 FXS ports that enables users to make calls and supports T.38 and T.30 fax protocols.

With dual LAN ports and NAT routing functions, this portable VoIP adapter doubles as an internal desktop switch and supports high-definition (HD) voice.

Key Features and Benefits

2 FXS Ports for Broad Compatibility

The FTA5102E2 VoIP adapter 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 provides data transmission for PCs, printers, and IPTVs.

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.

Stand-alone Device for Ease of Use

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

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

FXS1   FXS2   WAN   LAN1   LAN2   RST   DC(12V/1A) +V -Ɵ- −V