信通網路電話 – 網關

ComNet Phone – ATA

Spec Sheet

基 本 特 性

- 支援 SIP 2.0（RFC3261）及 SIP 相關 rfc
- 編碼：G.711A/u，G.729，G.726-32k，ilbc
- 回聲抵消：支持 G.168
- 支援聲音音量調節, VAD, CNG
- NAT 穿透, 支援 STUN 方式穿透
- SIP 支持 SIP domain，SIP 認證（none，basic， MD5），功能變數名稱解析，點對點
- （DIALPEER 配置和 IP 輸入）呼叫
- SIP 可以同時註冊到兩個 SIP 帳號，通過 Pubic Server/ Private server，用戶可以通過任一帳號進行呼入呼出
- 支援呼叫線路自動選擇，當 public 伺服器無法連接的時候可以自動切換到 private 伺服器呼叫
- DTMF 方式支援：SIP info，DTMF Relay，RFC2833
- 支援 SIP 應用，包括 SIP Call forward/transfer/hold/waiting/3 way talking
- 呼叫控制特點：收號靈活，支持 Hotline，黑名單拒接，空主叫拒接，限制呼叫，免打擾，靈活的 dial peer 配置呼叫規則
- 支援 SIP 伺服器錄音
- 支持 T.38 傳真
- 帶逃生口(lifeline)，可支援斷電通過逃生口接聽和打電話，也可以系統啟動後通過撥號規則進行 lifeline 呼叫
- 添加 voip 不可用自動連接到 lifeline 線路功能
- 添加 busy when N/A lines 的 4 種模式
- 支持 IAX2

網路特性

- 支援 PPPoE for xDSL，並且支援斷線自動重撥
- WAN/LAN 口支援橋模式或者路由模式
- 在 LAN 口上支持 DHCP server
- 閘道通過鍵盤命令進行 ping 測試
- 在 WAN 口上支持 DHCP Client
- 支持基本的 NAT 和 NAPT
- 支持 SNTP 支持 VLAN（DATA VLAN 和 VOICE VLAN）
- 支持 DMZ
- WAN 口支援主、從 DNS 伺服器功能
- VPN（L2TP、UDP）功能
- QoS 支持 Diffserv
- 支援 DNS relay, 支援 SNTP Client, 支援簡單防火牆功能
- 支援網路工具：包括 ping，trace route，telnet client

Basic features

- Support SIP 2.0 (RFC3261) and correlative RFCs
- Codec: G.711A/u, G.729a/b，G.726-32k，ilbc
- Echo cancellation: G.168 Compliance in LEC, additional acoustic echo cancellation(AEC) can reach 96ms max filter length in hands-free mode
- Support Voice Gain Setting, VAD, CNG
- NAT penetration, Support for STUN way through
- SIP support SIP domain, SIP authentication(none basic, MD5), DNS name of server, Peer to Peer/ IP call
- SIP can register two SIP accounts, through the Pubic Server / Private server, users can either account for inbound and outbound
- Support call line automatically selected, when the public cannot connect the server when the server can automatically switch to the private call
- DTMF Relay: support SIP info，DTMF Relay，RFC2833
- SIP application: SIP Call forward/transfer（blind/attended）/hold/waiting/3 way talking/
- Call control features: Flexible dial map, hotline, empty calling No. reject service, black list for reject authenticated call, limit call, no disturb, caller ID, Flexible deer peer rule.
- Support T.38 Fax
- With the escape port (lifeline), can support power to answer and make phone calls through the exit port can also be the system starts the call by dialing rules lifeline
- Add voip unavailable features to automatically connect to the lifeline routes
- Add busy when N / A lines of the 4 modes
- Support IAX2

Network features

- WAN/LAN: support bridge and router model
- Support PPPoE for XDSL
- Support DHCP server in the LAN port
- Gateway ping test through keyboard commands
- Support DHCP client in the WAN port
- Support basic NAT and NAPT
- Support VLAN (optional: voice vlan/ data vlan),support NTP
- Support DMZ
- Support VPN (L2TP) function
- WAN Port supports main DNS and secondary DNS server can select dynamically to get DNS in DHCP mode or statically set DNS address.
- QoS with DiffServ
- Support DNS relay, supports SNTP Client, Firewall support the simple
- Network tools in telnet server: including ping, trace route, telnet client