



Unicorn2112 VOIP ATA

Unicorn2112 is a kind of voice communication terminal which is based on wide band and independent of PC (personal computer).

Key Features

- Supports SIP 2.0(RFC 3261), TCP/UDP/IP, RTP/RTCP, HTTP, ICMP, ARP/RARP, DNS, DHCP (both client and server), NTP, PPPoE, STUN, TFTP,UPNP, etc.
- Built-in NAT.
- Supports call origination and termination from/to the PSTN network(via FXO Port)
- Powerful digital signal processing (DSP) to ensure superb audio quality; advanced adaptive jitter control and packet loss concealment technology
- Support various vocoders including G.711 (a-law and u-law), G.723.1 (5.3K/6.3K), G.726 (40K/32K/24K/16K), as well as G.728, G.729A/B.
- Support Caller ID/Name display or block, Hold, Call Waiting/Flash, Call Transfer, Call Forward, in-band and out-of-band DTMF, Dial Plans, etc.
- Support fax pass through T.30 and T.38.
- Support Silence Suppression, VAD (Voice Activity Detection), CNG (Comfort Noise Generation), Line Echo Cancellation (G.168), and AGC (Automatic Gain Control)
- Support standard encryption and authentication (DIGEST using MD5 and MD5-sess)
- Support for Layer 2 (802.1Q VLAN, 802.1p) and Layer 3 QoS (ToS, DiffServ, MPLS)
- Support automated NAT traversal without manual manipulation of firewall/NAT
- Support device configuration via built-in IVR, Web browser or central configuration file through TFTP or HTTP
- Support firmware upgrade via TFTP or HTTP with encrypted configuration files. Ultra compact (wallet size) and lightweight design, great companion for travelers
- Support direct IP call. Direct IP calling allows two phones to talk to each other in an ad hoc fashion without a SIP proxy.

Feature Highlights

- Stable NAT function
- Watch dog monitor the running Status
- Auto provisioning function

Item	Unicorn2112	
Adapter(Input/Output)	Input: 100-240VAC 50-60 Hz Output: +5VDC, 1200mA, UL certified	
Port	WAN	1x RJ45 100Base-T
	LAN	1x RJ45 100Base-T
	FXS	1 x FXS
	FXO	1 x FXO
LED light	Green and red color	
Dimension	70mm (W) ×130mm (D)×27mm (H)	
Weight	0.30kg	
Temperature	40 – 130 F 5 – 45 C	
Humidity	10 - 90%	
Main chipset	TI Solution	
Compliance	CE/FCC	