

VoIP Gateway

UTT-901

Datasheet



UTT-901 is a kind of voice communication terminal which is based on wide band and independent of PC (personal computer). It supports SIP and IAX2 protocols, Support Bridge and Router model. Offers two Ethernet interface and is compatible with various softswitch systems and VoIP voice gateways to provide broadband IP voice service.

Specification

Item	UTT-901		
Adapter(Input/ Output)	Input: 100-240V		
	Output: 12V/1A		
Port	LAN	10/100Base-T	RJ-45 for LAN
	PC	10/100Base-T	RJ-45 for PC
	Phone	1 RJ11 for Phone(FXS)	
	Lifeline	1 RJ11 for Lifeline	
Operation Temperature	0 ~ 80 °C		
Relative Humidity	10 ~ 65%		
CPU	Ralink MIPS 24KEC(320MHz)		
SDRAM	256Mbits		
Flash	32Mbits		
Dimension (L x W x H)	120x77x24mm		
Weight	0.41kg		

Voice Features

- Support SIP 2.0 and correlative RFCs
- Support IAX2 (optional)
- SIP supports 2 SIP servers, public and private server. Can connect to public SIP server and private SIP server at the same time
- Codec: G.711A/u, G.729, G.729a/b, G.726-32k, ilbc
- Echo cancellation: G.168 Compliance in LEC
- Support Voice Gain Setting, VAD, CNG
- NAT transverse: support STUN client
- SIP support SIP domain, SIP authentication (none, basic, MD5), DNS name of server, **Peer to Peer/IP call**
- Support choose line automatically, using private server to dial automatically when public server disconnected
- DTMF Relay: Support inband, SIP info, RFC2833
- SIP application: support call forward/ transfer/ holding/ waiting/ conference
- Call control features: flexible dial map, hotline, empty calling No. reject service, black list for reject authenticated call, limit call, no disturb, caller ID
- Support voice record on SIP server
- Answer or make PSTN call when power is up
- Lifeline support: switch to PSTN call automatically when internet failed or power is off
- Busy when line N/A (disable/ N/A lines / n/a voip/ voip failed)
- Auto use lifeline when voip is N/A
- Support T.38

Maintenance and Management

- Management with different account right
- Upgrade firmware through POST mode
- Upgrade firmware through HTTP, FTP or TFTP
- Telnet remote management/ upload/ download setting file
- Safe mode provide reliability
- Support Auto Provisioning (upgrade firmware and configuration file)
- Support Syslog

Network Features

- WAN/LAN: support bridge and router model
- Support PPPoE for xDSL and auto reconnect after disconnected by server
- Support basic NAT and NAPT
- Support DHCP client on WAN
- Support DHCP server on LAN
- Support ping test with keypad-command
- Support main DNS and secondary DNS server
- Support VLAN (optional: voice vlan/ data vlan)

- Support DMZ
- Support DNS Relay, SNTP Client, Firewall
- Support VPN (L2TP/ UDP TUNNEL)
- QoS with DiffServ
- Network tools in telnet server: including ping, trace route, telnet client

Packing:

Inner box MEAS	210*145*55mm
G.W./unit	0.4kg
Carton MEAS	410*281*308mm
G.W.	9kg
PCS/CTN	20pcs