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UTT-1000 4FXS / 8FXS Analog VoIP Gateway Datasheet





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Overview

UTT-1000 series analog gateways are versatile IP-based voice and fax gateway. For small business, the family office, remote office and branch businesses and provide a low cost, simple operation VoIP solutions. Connected analog phone, fax, PBX with standard voice interface and provide quality voice service. UTT-1000 series VoIP access gateways use standard SIP protocol and compatible with leading IMS/NGN platform, IPPBX and SIP servers..

Key benefits

Support SIP/IMS/3GPP

Primary/Backup SIP Servers

Flexible Routing and Manipulation

Support Modem/POS

Elastix/Broadsoft Certification

Support IPv4 and IPv6

Data/ Voice/ Management VLAN

Build-in Firewall and Access Rules

SNMP/TR069/Provision

Cloud-based Management System and Bandwidth Optimization



Physical Interfaces

Phone Interface: 4/ 8 FXS, RJ-11

Ethernet Interface:

4FXS: 2* RJ-45 10/100Mbps

8FXS: 4* RJ-45 10/100Mbps

Voice & Fax

G.711A/U, G.723, G.729, G.726

Comfort Noise Generation (CNG)

Voice Activity Detection (VAD)

Automatic Gain Control (AGC)

Echo Cancellation (G.168)

Adaptive (Dynamic) Jitter Buffer

Hook Flash

Programmable Gain Control

T.38/Pass-through, up to 14.4kbps

Modem/POS

DTMF mode: Signal/RFC2833/INBAND

FXS Port

Connector: RJ11

Dial Mode: DTMF and Pulse

Pulse: 10 and 20 PPS

Caller ID: DTMF/FSK

Max Cable Length: 1KM

Reversed Polarity

Private Service

Inquire LAN port IP *158#

Inquire WAN port IP *159#

Get IP address *150*

Restart*111#

Factory reset*166*000000#

Protocol

SIP V2.0 (RFC 3261,3262,3264)

IMS/3GPP

SDP (RFC 2327)

REFER (RFC 3515)

RTP/RTCP (RFC 1889,1890)

STUN (RFC 3489)



ARP/RARP (RFC 826/903)

SNTP (RFC 2030)

DHCP/PPPoE

TFTP/HTTP

VLAN 802.1P/802.1Q

V.152

Supplement Service

Call Waiting

Blind Transfer

Attend Transfer

Call Pickup

Call Forward on Busy

Call Forward on No Reply

Unconditional Call Forward

Hotline

Call Hold

DND

3-way conference

Voicemail

Call & Route

Port Group

IPTrunk

Primary and Secondary SIP Account

8 Inbound/Outbound Routing

Number Manipulation

Digitmap

Network Features

NAT (Rout and Bridge)

Static IP, PPPoE, DHCP Client

DHCP Server

DNS Proxy

DMZ, Static routing

Built-in Firewall

Static/dynamic ARP

QoS, Traffic Shaping

Voice/Data/Management Vlan



Maintain & Upgrade

SNMP/TR069

Auto Provisioning

Web/Telnet

Configuration Backup/Restore

Firmware Upgrade via WEB/TFTP

Syslog and CDR

Access Rule List

Network Capture

Outward Test (GR909)

Automatic Time Synchronization

IVR local Maintenance

Cloud-based Management

Homologation

CE, FCC

Elastix / Broadsoft

Environment

Power: Input: 100-240V, 50-60Hz Output: 4FXS: 12VDC, 1A | 8FXS: 12VDC, 2A

Power consumption(w): 4S:12w | 8S:20w | 16S:48w

temperature(operator): 0 °C ~ 45 °C (storage): -20 °C ~ 80 °C

Humidity: 10%-90% no condensation

Dimension & Weight

4FXS: 194(L)*133(W)*37(H) mm 0.69kg

8FXS: 242(L)*152(W)*40(H) mm 1kg

Packing Content

Gateway

Power adapter

RJ-45 Network cable

User's Manual CD