

UTT-GoIP100

Datasheet



1 VoIP & 1 GSM Channel

The UTT-GoIP100 GSM Gateway bridges the GSM and the IP networks by enabling voice communications. It is ideal for VoIP to Local termination where a fixed telephone line (PSTN) is not available or for cellphone roaming via a VoIP network. Significant savings on long distance charges can be realized.

Key Features

- Open Standard VoIP Protocols (ITU H.323 V4 and IETF SIP V2)

Ultrative
a pioneer of VoIP supplier

Ultrative HK Co., Ltd.

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<http://www.ultrative.com>

- Single or Multiple Server Registrations
- Two 10/100 Ethernet circuits connect to the LAN and an additional device
- GSM module for making GSM calls
- Speech quality ensured by QoS at the Ethernet and IP layers and comprehensive jitter buffer
- VLAN and QoS support
- NAT Transversal and Router functions
- Voice prompts, HTTP Web, Auto Provision support for configuration and updates
- Highly stable embedded Linux operating system in high performance ARM 9 Processor

Basic Features

- LEDs for Power, Ready, Status, WAN, PC, GSM
- Call forward from GSM to VoIP and VoIP to GSM
- Dial in mode or dial out mode only
- Dial Plan
- Password protection for both GSM dial in or dial out
- Retransmit GSM Caller ID to VoIP terminal

Enhanced Features

- Dynamic selection of codec
- Advanced jitter buffer
- Automatic traversal of NAT and firewall
- VLAN / Qos
- Router
- Echo cancellation for Speakerphone
- Comfort noise generation (CNG)
- Voice activity detection (VAD)

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- Auto provisioning (requires auto provisioning server)
- On line firmware upgrade
- Multi-language support: English and Chinese

Supported Standards

- ITU: H.323 V4, H.225, H.235, H.245, H.450
- RFC 1889 - RTP/RTCP
- RFC 2327 - SDP
- RFC 2833 - RTP Payload for DTMF Digits, Telephony Tones and Telephony Signals
- RFC 2976 - SIP INFO Method
- RFC 3261 - SIP
- RFC 3264 - Offer/Answer model with SDP
- RFC 3515 - SIP REFER Method
- RFC 3842 - A Message Summary and Message Waiting Indicator
- RFC 3489 - Simple Traversal of User Datagram Protocol (UDP) Through Network Address Translators (NATs)
- RFC 3891 - SIP 'Replaces' Header
- RFC 3892 - SIP Referred-By Mechanism
- draft-ietf-sipping-cc-transfer-04 - Session Initiation Protocol Call Control - Transfer
- Codec: G.711 (A/μ law), G.729A/B, G.723.1
- DTMF: RFC 2833, In-band DTMF, SIP INFO

Physical and Environmental

Operating temperature: 10°C to 40°C (50°F to 104°F)

Storage temperature: 0°C to 50°C (32°F to 122°F)



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Power: 12 Vdc 500 mA (AC/DC adapter included)

Warranty: one year

Standard Component:

Item	Qty	Remarks
UTT-GolP100	1	
Manual	1	
Power Supply	1	
Cable for RJ45	1	

Packing:

Inner box MEAS	210*145*55mm
G.W./unit	0.5kg
Carton MEAS	410*281*308mm
G.W.	9kg
PCS/CTN	20pcs