



Gateway 102

An easy access between Telephone Extension and IP Network



1. Product Description

Product Dimensions: 7 x 11 x 2.7cm (L x W x H)

Product Weight: 0.35 kg (includes packaging)

Product Color: Silver. (OEM available)

External Casing: Plastic

LAN Ports: 2 Ports (1*WAN, 1*LAN)

Inexpensive, easy-to-install and simple-to-use, the GATE102 connects standard telephones and fax machines to IP-based data networks. IP telephony service providers and enterprises can offer users traditional and enhanced communication services via the customer's broadband connection to the Internet or Local Area Network (LAN).

2. Software Features

- One FXS voice port supports legacy (analog) touch tone telephones
- One FXO port for calling or receiving calls via PSTN line
- Two RJ 45 connections to 10BaseT Ethernet hub, switch, router, or modem
- SIP 2.0(RFC 3261), TCP/UDP/IP, RTP/RTCP, HTTP, ICMP, ARP/RARP, DNS, DHCP (both client and server), NTP, PPPoE, STUN, TFTP, etc.
- Built-in router, NAT and Gateway
- Powerful digital signal processing (DSP) to ensure superb audio quality; advanced adaptive jitter control and packet loss concealment technology
- Ultra compact (wallet size) and lightweight design, great companion for travelers
- Support various vocoders including G.711 A-/U-law, G.723.1, G.729A/B, G.728, G.726, iLBC.
- Support silence suppression and VAD, AGC, and echo cancellation (G.168)
- Support standard encryption and authentication (DIGEST using MD5 and MD5-sess)
- Support layer-2 (802.1Q VLAN, 802.1p) and layer-3 (DiffServ, ToS) QoS
- Support automated NAT traversal without manual manipulation of firewall/NAT
- Support remote automated provisioning and software upgrade even through firewall/NAT to enable “zero configuration” and “plug-and-dial” for end users
- Support device configuration via built-in IVR, Web browser or central configuration file
- Support Caller ID/Name display or block, Hold, Call Waiting, Call Transfer, Call Forward, Flash, Three Way Conferencing (pending)
- Support customizable ring tone (pending)
- Fax pass through and T.38
- Support DNS SRV Look Up
- SIP Server Fail Over (pending)

3. Hardware Features

IP Network	Port 1 x 10Base-T WAN port, 1 x 10Base-T LAN port
Analog Telephone	Port 1 x FXS port
PSTN Port	1 x PSTN life line port
Exterior	Silver plastic?tri-color LED button
Universal Power Supply	100-240V input?+9VDC/1.2A output (Global style available)
Operating Temperature	0-40C
Humidity	10-95% non-condensing



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