

TELETECHNO MEDIA GATEWAY SIP TO PRI MODEL: TG-4E1

TG-4E1 Teletechno Media Gateway Sip to 4 E1's ISDN PRI is a cost-effective trunk gateway equipment specific to work with IPPBX AND LEGACY PBX. Its built-in echo canceller function and voice decoding conversion function. Users can flexibly select G.711A/U, G.729, G.723, iLBC a variety voice decoding and easily complete IP and PSTN voice and signal converting. In addition, It provides friendly GUI configuration interface, users can freely configure and manage the equipment.



Key Benefits

- Cost-effective VoIP trunk gateway
- Support echo cancellation, DJB, VNG, VAD and Qos
- Voice codec option: G.711A/U, G.723.1 (option), G.729A/B(option), iLBC(option)
- Simple Configuration, friendly GUI, strong handling capacity, stability system
- Good compatibility Small and medium IP PBX platform

High-quality Product

Physical Interface

- ISDN Interface
4 E1/T1, G.703, 120Ω RJ---48c
- Network Interface
WAN and LAN, 2 * 10/100M Base---TX, RJ---45
- RS232 Console
RJ---45, 115200bps

Voice and Fax

- G.711A/U law (G.723.1, G.729A/B, iLBC – optional)
- Silence Suppression & Detection
- Comfort Noise Generation (CNG)
- Voice Activity Detection (VAD)
- Echo Cancellation (G.168)
- Adaptive (Dynamic) Jitter Buffer
- Call Progress Tone Generation
- Programmable Gain Control
- T.38/Pass---through
- DTMF Mode: Signal/RFC2833/Inband

Physical Feature

- Power: input: 100---240V, 50---60Hz
output: 12VDC, 1.0A
- Temperature (operation): 0 D ~ 45 D
(storage): ---20 D ~ 80 D
- Operation Humidity: 10%---90% no condensation
- Dimension (w/D/H): 225*150*38mm
- Weight: 0.75kg

Signal

- PRI/PRA
ISDN E1/T1, Japan T1.
ITU---T I.431, Q.921, Q.931, ETSI Q.sig
- R2
China and other 22 variants

Protocol

- SIP---RFC3261, 3262, 3263, 3264, 3265, 3515, 2976, 3311
- SDP---RFC2327
- RTP/RTCP---RFC2198, 1889
- Network Protocol
IP, TCP, UDP, TFTP, FTP, RTP, RTCP, ARP/RARP, ICMP Ping, NTP, SNMP, Http, DNS

Maintain & Upgrade

- Web based configuration
- Data backup/restore
- Support English and Chinese
- Firmware upgrade by TFTP/web
- Web & Telnet login password modify
- Factory reset
- Output CDR/Tracking news by syslog
- Call status information statistics

Certifications

- CE, FCC
- NTP Configuration

System Application

