

## Giga Voip 1000E1 Series VoIP Gateway



### SPECIFICATIONS

<b>Model</b>	<b>Channels</b>
<b>GN-VOIP-1000E1-1</b>	<b>1*E1/T1 channels</b>
<b>GN-VOIP-1000E1-2</b>	<b>2*E1/T1 channels</b>
<b>GN-VOIP-1000E1-4</b>	<b>4*E1/T1 channels</b>
<b>GN-VOIP-1000E1-8</b>	<b>8*E1/T1 channels</b>

Dimensions(L*W*H)	435*300*44.5mm
Weight (unit: kg)	4.25
Operating temperature	0-40°C
Storage temperature	-20-70°C
Operating humidity	10%-90%
Power input	110~240VAC, 50~60Hz, 1.2A
Power (unit: W)	80
Network interface	2*10/100BASE-TX
Console port	R232 9600bps



### Features

- Energy Efficiency Concurrent Processing, up to 240 Channels
- Easy Capacity Upgrades by cascade, up to 1440 channels
- High Reliability SS7 Signaling Point Share Solution
- Flexible Interworking between IP - TDM and IP - IP
- Flexible Routing and Number Manipulation Rules
- Voice Codec: G.711A/U, G.723.1, G.729A/B, iLBC
- Full Web Management Interface, Standalone Managed by Telnet or Centralized Managed by Network Management System.

### Specification

#### Trunk Interface:

- 1/2 or 4/8\* E1/T1, G.703, 120Ω RJ-48

#### Network Interface

- 2\*10/100M BASE-TX

#### Maintenance:

- 1\* RS-232, 9600bps

#### Media Processing:

- Capacity: up to 240 channels
- Voice Codec: G.711A/U law, G.723.1, G.729AB, iLBC 13k/15k

- Echo Cancellation: G.168 with 32, 64 or 128 ms tail length
- Voice Packet Capabilities: CNG, VAD, Jitter Buffer
- Echo Cancellation: G.168 with 32, 64 or 128 ms Tail Length
- Fax and Modem: T.38 and Modem by pass, V.152, Auto Fallback to Voice after Fax
- DTMF mode: Signal/RFC2833/INBAND
- QoS: L3 DIFFServ, ToS,

#### Signaling Processing:

- CCS Signaling: ISDN-PRI/QSIG, SS7 (ITU-T, ITU-CHINA)
- VoIP Signaling: SIP V2.0, SIP-T, H.323

#### Call Control:

- Caller Number Pool
- Caller Number White and Black List
- Called Number White and Black List
- IP Access List
- Dial Plan, up to 2000 Dial rules

#### Operation & Management

- SNMP v1/v2/v3
- Telnet/Console CLI
- Remote Web Access Via HTTP
- Syslog, CDRs
- Signaling Hunter

**APPLICATION:**

