

Yeastar NeoGate TE E1/T1/PRI Gateway



NeoGate TE100/200 offers SMBs cost effective additions to legacy telephone systems to bring the true benefits of VoIP. TE100/200 is a single or dual port VoIP E1/T1/J1 gateway (VoIP to E1/T1/J1, and E1/T1/J1 to VoIP) that supports up to 30 or 60 concurrent calls. It's designed to bridge the gap between E1/T1/J1 and VoIP networks. Integrating TE100/200 into an existing network will allow inexpensive communication via SIP trunking. Also, it could connect VoIP systems with E1/T1/J1 service from legacy carriers.

Benefits

- Software configurable E1/T1/J1 ports
- Support PRI, MFC R2, SS7, E&M
- Easy-to-navigate GUI
- Cost-effective call routing
- Simple installation and management

- Interoperable with Elastix and Lync Server
- Compatible with various ISDN PBX,

IP-PBX, and softswitch

Low power consumption for your green

office





Physical Interfaces

E1/T1/J1 port: 1 or 2

Dual Base-T connectors
TE100: 10/100 Mbps

TE200: 10/100/1000 Mbps

USB port:1

Voice Processing

Protocol: SIP(RFC3261)

DTMF: RFC2833, SIP Info, In-band.

 Codec: G711a, G711u, G.722, G.726, G.729a, GSM, Speex, ADPCM

Transport: UDP, TCP, TLS, SRTP

Echo Cancellation: ITU-T G.168 LEC

Telephony

Blacklist

Call detail records

Call duration limitation

Caller ID

Caller ID prefix

Call routing rules

SIP trunk support

SIP peer mode

SIP Registrar for IP phones

T.38 fax

Trunk group

Signalling

Support PRI, MFC R2, SS7, E&M

 PRI switch types: Euro ISDN, nation, Q.SIG

 CAS: MFC R2 (Argentina, Brazil, China, Czech Republic, Colombia, Ecuador, Indonesia, ITU, Mexico, Philippines, Venezuela)

• SS7: ITU, ANSI, China

Internet

DDNS

IP Blacklist

NAT Traversal

QoS/ToS

PPPoE

Static Route

System

Backup and restore

Custom prompts

E1/T1/J1 diagnostics

Firmware upgrade by HTTP/TFTP

Packet Capture Tool

System logs

Security: Firewall, TLS, SRTP, HTTPS

Web based configuration

Applications

Connect legacy PBX to VoIP services

Connect IP-PBX to ISDN trunkings

ISDN connectivity for Contact Center

 Connect legacy PBX to IP-PBX at the branch office

 Interconnect multiple PABX to realize free inter-office calls

Physical

Dimensions: 213x160x44 mm

 Power Supply: AC 100-240V (12V 2A)

Operation Range: 0°C to 40°C, 32°F
to 104°F

 Storage Range: -20°C to 65°C, -4°F to 149°F

Humidity: 10-90% non-condensing

