

Yeastar Single Port E1/T1/J1 VoIP Gateway (TE100)



Product Name: Yeastar Single Port E1/T1/J1 VoIP Gateway (TE100)

Manufacturer: Yeastar

Model Number: TE100

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The Yeastar TE100 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.

Yeastar TE100 Key Features

- Software configurable E1/T1/J1 ports
- Easy-to-navigate GUI
- Cost-effective call routing
- Simple installation and management
- Interoperable with Elastix and Skype for Business
- Compatible with various ISDN PBX, IP-PBX, and softswitch
- Low power consumption for your green office

Yeastar TE100 Technical Specifications

Physical Interfaces

- E1/T1/J1 port: 1
- Dual Base-T connectors
- TE100: 10/100 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

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

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• 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

Price: £1,020.80