

# Yeastar TB Series BRI VoIP Gateway



Yeastar TB200/400 is a compact and reliable standalone VoIP BRI gateway (BRI-VoIP/VoIP-BRI) offering 2 or 4 BRI ports for companies using ISDN BRI lines an easy, cost-effective and flexible integration into any VoIP system or enabling any IP PBX to be connected to the public ISDN network.

## Benefits

- Software configurable TE/NT modes for easy integration
- ISDN PBX has access to VoIP network
- Preserve investment on PBX infrastructure
- Additional ISDN BRI trunking for IP-PBX
- Cost savings on phone calls via VoIP
- ISDN compliant and proven interoperability
- Compatible with various ISDN PBX, IP-PBX, and softswitch
- Low power consumption for your green office

## Physical Interface

- BRI Ports: 2 or 4
- 1 LAN Ethernet 10/100 BASE-T
- Console Port

## Voice Processing

- Protocol: SIP(RFC3261)
- DTMF: RFC2833, SIP Info, In-band
- Codec: G711a, G711u, G.722, G.723, G.726, G.729a, GSM, ADPCM, iLBC
- Transport: UDP, TCP, TLS, SRTP
- Echo Cancellation: ITU-T G.168 LEC

## Telephony

- Blocklist
- Call Detail Records
- Call Duration Limitation
- Caller ID
- Caller ID Prefix
- Call Routing Rules
- Hotline
- SIP Trunk Support
- SIP Peer Mode
- SIP Registrar for IP phones
- T.30 Fax
- T.38 Fax
- Trunk Group
- Two-stage Dialing

## ISDN Specification

- Each interface can be configured NT or TE
- Type of Connection: Point to Point Or Point to Multipoint
- BRI Switch Types: National ISDN Type 1 and Type 2, Nortel DMS100, AT&T 4ESS, Lucent 5ESS, EuroISDN, Q.SIG

## Internet

- DDNS
- IP Blocklist
- NAT Traversal
- QoS/ToS
- Static Route

## System

- Max 8 Concurrent Calls
- Backup and Restore
- Custom Prompts
- Firmware Upgrade by HTTP/TFTP
- LED Indicators
- 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 BRI trunking
- 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