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# Yeastar TA800 VoIP FXS Analog Gateway

Product Name: Yeastar TA800 VoIP FXS Analog Gateway Manufacturer: Yeastar Model Number: TA800

Yeastar TA800 VoIP FXS Analog Gateway

The Yeastar TA800 is an analog VoIP Gateway that connects legacy telephones, fax machines and PBX systems with IP telephony networks and IP-based PBX systems. Featuring rich functionalities and easy configuration, TA is ideal for small and medium enterprises that wish to integrate a traditional phone system into IP-based system. TA helps them to preserve previous investment on legacy telephone system and reduce communication costs significantly with the true benefits of VoIP.

Yeastar TA800 Key Features

ï¿1/2 4/8/16/24/32 FXS ports or 4/8/16 FXO ports

ï¿1/2 Fully compliant with SIP and IAX2

ï¿1/2 Flexible calling rules

ï¿<sup>1</sup>/<sub>2</sub> Reliable fax performance with T.38

i¿1/2 Provides high-quality voice compression with industry standard codecs

ï¿1/2 Line echo cancellation for 8, 16, 32, 64 or 128 ms echo delays

i¿1/2 Web-based GUI for easy configuration and management

ï¿<sup>1</sup>/<sub>2</sub> Remote Management

i¿1/2 Excellent interoperability with a wide range of legacy and IP equipment

Easy to use Simple and intuitive Web-based configuration saves you loads of time Feature Rich A robust feature set that fulfills your various needs and cuts communication cost Reliable Stable with advanced hardware and software architecture Interoperability Interoperable with a broad list of softswitch, PBX, and IP-PBX like Elastix and Lync Server Yeastar TA800 Technical Specifications Interface

� Ports: 8 FXS Ports
� Telephony Interfaces: RJ11
� LAN: 1 10/100BASE-T Ethernet
� Indicators: Ports Status and Activity LEDs

Media Processing

� Protocol: SIP (RFC3261), IAX2
� Transport: UDP, TCP, TLS, SRTP
� Codec: G.711 (alaw/ulaw), G.722, G.723, G.726, G.729A/B, GSM, ADPCM
� Voice Capability: ITU-T G.168 LEC Echo Cancellation, Dynamic Jitter Buffer, VAD, CNG, PLC
� DTMF Mode: RFC2833, SIP Info, In-band
� Fax: T.38 and Pass-through
� QoS DiffServ, ToS, 802.1 P/Q VLAN tagging

**Telephony Features** 

� Call Handling: 3-way Conference, Attended and Blind Transfer, Call Forward, Caller ID Display, Call Waiting, CDR, Direct Caller ID Calling, Distinctive Ringtone, Do Not Disturb, Flexible



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### Dialing Plan, Hunting Groups, Hotline, MWI, Speed Dia

Security/ IP Services

i¿½ Firewall: Built-in Firewall, IP Blacklist, Attack Alert i¿½ Network: DHCP, DDNS, OpenVPN, Static Route, VLAN i¿½ Nat Traversal: Static NAT, STUN i¿½ Network Protocol: FTP, TFTP, HTTP, HTTPS, SSH

## Management

� Protocol: RADIUS, TR-069
 � Provisioning: Web GUI, Auto Provisioning, Backup and Restore, Firmware Upgrade by HTTP/TFTP
 � Configuration: Remote Management\*, Packet Capture, System Logs, Voice Menu for FXS Gateways Basic Configuration, API

#### Connectivity

� Signaling: FXS Loop Start, FXS Kewl Start
 � Caller ID: BELL202, ETSI (V23), NTT (V23-Japan), and DTMF-based CID
 � Disconnect Methods: Busy Tone, Polarity Reversal
 � Short & amp; Long Haul: 3REN, up to 1.5 km on 24 AWG wire

#### Physical

i¿½ Power: 12V, 1A
i¿½ Dimensions (L × W × H) (mm): 200 × 137 × 25
i¿½ Operation Temperature: 0°C to 40°C, 32°F to 104°F
i¿½ Storage Temperature: -20°C to 65°C, -4°F to 149°F
i¿½ Humidity: 10-90% non-condensing
i¿½ Mounting: Desktop, Wall-mount

### Compatibility

i¿1/2 Softswitch and IP-PBX: Interoperable with a wide range of IPPBX and softswitches

# Price: £249.20