

Yeastar TA1600 VoIP FXS Analog Gateway



Product Name: Yeastar TA1600 VoIP FXS Analog Gateway

Manufacturer: Yeastar

Model Number: TA1600

Yeastar TA1600 VoIP FXS Analog Gateway

The Yeastar TA1600 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 TA1600 Key Features

- 4/8/16/24/32 FXS ports or 4/8/16 FXO ports
- Fully compliant with SIP and IAX2
- Flexible calling rules
- Reliable fax performance with T.38
- Provides high-quality voice compression with industry standard codecs
- Line echo cancellation for 8, 16, 32, 64 or 128 ms echo delays
- Web-based GUI for easy configuration and management
- Remote Management
- 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 TA1600 Technical Specifications

Interface

- Ports: 16 FXS Ports
- Telephony Interfaces: RJ11 and RJ21 50-pin Telco Connectors
- WAN: 1 10/100BASE-T Ethernet
- 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

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Display, Call Waiting, CDR, Direct Caller ID Calling, Distinctive Ringtone, Do Not Disturb, Flexible Dialing Plan, Hunting Groups, Hotline, MWI, Speed Dia

Security/ IP Services

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

Management

- Protocol: SNMP, 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 & Long Haul: 3REN, up to 1.5 km on 24 AWG wire

Physical

- Power: AC 100-240V (12V 5A)
- Dimensions (L × W × H) (mm): 440 × 250 × 44
- Operation Temperature: 0°C to 40°C, 32°F to 104°F
- Storage Temperature: -20°C to 65°C, -4°F to 149°F
- Humidity: 10-90% non-condensing
- Mounting: Desktop, Rack-mount

Compatibility

- Softswitch and IP-PBX: Interoperable with a wide range of IPPBX and softswitches

Price: Â£490.00