

# Yeastar TA1600 Analogue VoIP Gateway



**Yeastar TA Analogue VoIP Gateways are cutting-edge products that connect legacy telephones, fax machines and PBX systems with IP telephony networks and IP-based PBX systems.**

Featuring rich functionalities and easy configuration, the TA Series is ideal for small and medium enterprises that wish to integrate a traditional phone system into IP-based system. These Gateways help to preserve previous investment on legacy telephone system and reduce communication costs significantly with the true benefits of VoIP.



## Benefits

- 16 FXS 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

Stock Code: 12232

Interfaces	
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 Display, Call Waiting, CDR, Direct Caller ID Calling, Distinctive Ringtone, Do Not Disturb, Flexible Dialling Plan, Hunting Groups, Hotline, MWI, Speed Dial
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	
Signalling	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 x W x H) (mm)	440 x 250 x 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, Wall-mount
Compatibility	
Softswitch and IP-PBX	Interoperable with a wide range of IPPBX and softswitches