Yeastar TA Series
Analog VoIP Gateways

Yeastar TA Analog 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, 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.

- 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
- Excellent interoperability with a wide range of legacy and IP equipment

Specifications

	TA400/800	TA1600/2400/3200	TA410/810	TA1610
Interfaces				
Ports	4/8 FXS Ports	16/24/32 FXS Ports	4/8 FXO Ports	16 FXO Ports
Telephony Interfaces	RJ11	RJ11 and RJ21 50-pin Telco Connectors	RJ11	RJ11 and RJ21 50-pin Telco Connectors
Network Interfaces	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		T.30	
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 Dialing Plan, Hunting Groups, Hotline, MWI, Speed Dial		Programmable AC Impedance, Hangup Detection, Answer Detection, Caller ID Detection	
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	RADIUS, TR-069	SNMP, RADIUS, TR-069	TR-069	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		FXO Loop Start, FXO 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	12V, 1A	AC 100-240V (12V 5A)	12V, 1A	AC 100-240V (12V 5.5A)
Dimensions (L × W × H) (mm)	200 × 137 × 25	440 × 250 × 44	200 × 137 × 25	440 × 250 × 44
Operation Temperature	0°C to 40°C, 32°F to 104°F	0°C to 45°C, 32°F to 113°F	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	Desktop, Rack-mount	Desktop, Wall-mount	Desktop, Rack-mount
Compatibility				
Softswitch and IP-PBX	Interoperable with 3CX, Asterisk, Lync Server, FreePBX and certified with Elastix and BroadSoft			