

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.

Benefits

- 4/8/16/24/32 FXS ports or 4/8/16 FXO ports
- Advanced and flexible calling rules
- Reliable fax performance with T.38
- High-quality voice compression with industry standard codecs
- Line echo cancellation for 8, 16, 32, 64 or 128 ms echo delays
- Support various methods to light up the Message Waiting Indicator
- Web-based GUI for easy configuration and management
- Manage customer-premised gateway remotely and securely
- Interoperable with a wide range of legacy and IP equipment

*The Remote Management feature is only supported by TA1610/1600/2400/3200 V3 version.

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		
WAN	N/A	1 10/100Mbps	N/A	1 10/100Mbps		
LAN		1 10/100Mbps				
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, 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 Blocklist, 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		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 5.5A)	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					
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 a wide range of IPPBX and softswitches					

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