



# VoIP gateway

## IAD1000-40

ISD1000-40 dapat digunakan untuk mengubah jalur telepon analog dari operator dan perusahaan PBX menjadi sistem perpindahan lunak SIP ke sisi IP, menyediakan solusi VoIP yang kuat, stabil, andal, serta hemat biaya bagi pusat panggilan IP dan cabang-cabang yang banyak.

## Highlights

- ☑ Mendukung akses 4 jalur FXO untuk telepon suara, dilengkapi 2 port Ethernet yang memungkinkan konversi
- ☑ Panggilan bebas antara TDM dan IP; mendukung konfigurasi melalui antarmuka web serta pembaruan perangkat lunak.
- ☑ Manajemen dan pemeliharaan efisien: menyediakan panduan instalasi cepat dan halaman manajemen web.
- ☑ Dukungan protokol SIP/IMS, mendukung klien VPN, port FXO mendeteksi polaritas terbalik, kompatibel dengan berbagai platform softswitching, memiliki adaptabilitas tinggi.
- ☑ Desain perangkat keras anti-echo profesional yang menjamin kualitas komunikasi suara.

# Detailed parameters

<b>Protocols</b>	DHCP	<b>Generic</b>	Supports 4 concurrent calls
	TCP/UDP		Supports 4-channel (FXO) voice service
	HTTP/HTTPS		Supports conversion between TDM and IP calls
	TLS		Supports SIP/IMS protocol
	ARP/RARP		Secondary dialing
	DNS		SIP Agent
	NTP		NET Settings
	TFTP		Supports simultaneous registration of multiple servers (primary and standby)
	S RTP		Centralized management
	TELNET		Signal tone detection
	STUN		Number change
	TR-069		Automatically deploy gateway configuration
SNMP	Access Control List (ACL) Interface		
<b>Network</b>	10/100 Mbps Ethernet	<b>FXO Characteristics</b>	Calling detection
	IP Mode: IPv4/IPv6		Secondary dialing
	IP acquisition method: static IP setting/DHCP		Polarity reversal detection
	IP address and DNS domain name resolution		Tone detection
	Support VPN client		Prohibit outcall
	Firewall		Inbound call blacklist
<b>Audio Characteristics</b>	Narrowband coding : G.711a/u, G.723, G.729A/B, iLBC, AMR	<b>Physical Specifications</b>	FXO disconnection alarm
	DTMF: In-band, Out of band (RFC2833/SIP INFO)		FXO interface: RJ11 x4
	Echo Cancellation (AEC)		Ethernet port : RJ45 x2
<b>Configuratio&amp; management</b>	Web Management Page	<b>Physical Specifications</b>	USB interface x1: Mini USB
	Supported languages: Chinese, English, Russian		Lightning protection level: Level 4
	Firmware Upgrade		Reset button x1: Press and hold for 8 seconds to restore the factory
	Tracert Testing: Web-basedPing/Tracert Testing		Status indicator light: power light PWR, running light RUN, warning light ALM, network port light, channel status lightFXS
	Support administrator authentication		Product size: 140 × 30 × 100 mm
	Monitor system and service status		Weight: 0.2 kg
	Support third-party centralized management		Operating temperature: 0 °C ~ 45 °C
	Automated Deployment		Storage temperature:-20 °C ~ 85 °C
	System logs (errors, warnings, messages, debugging)		Working humidity: 8% ~ 90% no condensation Storage humidity: 8% ~ 90% no condensation