CooVox T100-A4

CooVox T100-A4 is an easy-to-config and delicate diminutive IPPBX system specially designed for small and medium-sized enterprises worldwide. CooVox T100-A4 is well suited for small businesses with up to 100 people and meets all the needs of an office phone system. When used with the EX16S Expansion Box, T100-A4 supports mixed networking of analog phones and VoIP phones. External lines can be selected from analog lines or VoIP lines.

Equipped with the brand-new software 4.0 system, CooVox T100-A4 can provide users with more convenience in application and management. Plus, improve enterprise communication efficiency, and help enhance enterprise value.

Application Scenarios

Restaurant

Venue

Retail Store

Mine

Financial Institution

Factory

Warehouse

National Park

Feature Highlights

Endpoints Provisioning

Quick and straightforward deployment of endpoint devices using the Plug-and-Play auto-provisioning feature. Users can scan the QR code to complete the registration on the CooCall softphone.

Proxy Services

No fixed public IP, third-party DDNS services, and VPN router are required. Remote extension and remote branch office phone system integration have never been easier!

3rd Party Compatible

In addition to the built-in phone system functions, CooVox T100-A4 is also compatible with third-party SIP systems, including standard SIP endpoints, CRM systems, and collaboration tools to expand the existing IP voice communication function.

Remote Management System

The control center can manage each authorized PBX in a unified manner through the remote management system, realizing remote switching off equipment, viewing real-time data, and collaborative user troubleshooting.

Expansion Box Provisioning

The EX16S Expansion Box can help users to deploy analog phones and fax machines on a large scale in a brief time. Both local and remote deployments are equally simple and rapid.

CooCall Softphone

CooCall softphone brings users a new office phone system experience while using the CooVox IPPBX v4. CooCall is like a desk phone that can take your office anywhere. Users can answer calls, dial calls, and even dial international calls through the office's IPPBX.

Billing

With a built-in billing system, no third-party billing software is required.Prepaid/postpaid billing, billing credit, flexible billing rates, and billing statistics features are all supported.

Operator Panel

The Operator Panel is a comprehensive software specially designed for the CooVox series of IPPBX. By using the Operator Panel, users can achieve features such as live paging, emergency paging, high-quality background music, scheduled paging, scheduled music, etc.

Hardware Specifications

Specifications	
analog interface	4 Port（Interface standard RJ11; FXO outside line or FXS inside line)
CPU	ARM 4 Core
RAM	1GB DDR3
Storage （SD Card)	8G SD Card (Industrial grade)
USB (Extended Storage Supported)	1 Port（File system format: FAT16, FAT32, EXTFAT, NTFS, EXT3, EXT4)
Ethernet Interface	WAN, LAN （10/100Mbps)
Console Port	1 Port（Rate 115200)
Reset Key	Support
Power	DC 12V–1A

Software Specifications

System Capacity	☑ 100 Extensions ☑ 50 Simultaneous Calls ☑ 30 Conference Attendees(Recommended) ☑ 50 Conference Attendees(Maximum) ☑ 400 hrs Recording (Internal Storage) ☑ 6 EX16S Deployment (Recommended) ☑ Unlimited SIP/IMS Trunks (Max) ☑ Unlimited IVR Levels ☑ Unlimited Number of Queues ☑ Unlimited Phonebook Contacts ☑ Maximum 30 Paging Members (Recommended) ☑ 500000 CDR History ☑ 1TB USB Expansion Storage ☑ Unlimited Number of Incoming Routes ☑ Unlimited Number of Outbound Routes
Protocols & Codecs	☑ SIP(RFC3261), IAX2 ☑ DTMF(RFC4733, SIPINFO,In-Band) ☑ Transport Protocols:UDP,TCP,TLS,SRTP ☑ Network Protocols:IPv4, IPv6, VLAN, DHCP, PPPoE, DDNS, NTP, SNTP, TFTP, SSH, HTTPS, LDAP ☑ Video Codecs:VP8,H.264,H.263+,H.263,H.261 ☑ Audio Codecs:Opus, G.722, G.711(a-law,u-law), G.729, G.726, GSM, SPEEX,AMR,AMR-WB
Telephony Features	☑ Call Queue ☑ Caller ID ☑ Blacklist ☑ One Number Stations ☑ Ring Group ☑ Call Spy ☑ Voicemail ☑ Music On Ringback ☑ Call Forward ☑ Video Call ☑ Wakeup Call ☑ Distinctive Ringtone ☑ Call Transfer ☑ 3-way Calling ☑ PIN Code ☑ Auto Call Recording ☑ Call Pickup ☑ Conference Call ☑ Do Not Disturb ☑ One Touch Recording ☑ Call Parking ☑ Follow Me ☑ Switch Call ☑ Web Extensions (WebRTC) ☑ Call Waiting ☑ Call Back ☑ Time Conditions ☑ Speed Dial ☑ DISA ☑ Paging & Intercom ☑ IVR (Multi-layer) ☑ Smart DID
Feature Highlights	☑ Remote Management ☑ Softphone APP Auto Provisioning (QR Code Scan) ☑ IP Phone Auto Provisioning (PNP & Quick Register Code) ☑ LDAP Phonebook Auto Configure (H81, H83) ☑ EX16S Auto Provisioning ☑ SIP Proxy (NAT Traversal) ☑ Open API Interface for Secondary Development to Connect with 3rd Systems ☑ Multilingual Interface: Simplified Chinese, Traditional Chinese, English, Spanish, Czech, Korean ☑ Multilingual System Voice: Chinese, English, Spanish, French and other 24 languages

Multi-level User Administration	☑ Admin user: All Privileges ☑ Operator user: Extensions, faxes, CDR, recordings, etc. ☑ Extension user: WebRTC, recordings, voicemails, call logs, etc. ☑ Billing user ☑ Operator panel user
Security	☑ Firewall based on iptables ☑ Geo-IP (Security policy based on IP address geographical locations) ☑ Intrusion auto detection and prevention ☑ IP Black/White List ☑ Extension Permit IP ☑ Data Backup and Recovery
Network Features	☑ Network (WAN): Static IP, DHCP, PPPoE ☑ VPN: PPTP, OpenVPN, ☑ Static Routing ☑ DHCP Server ☑ VLAN （WAN&LAN Interface) ☑ Virtual IP ☑ SIP Proxy (NAT Traversal)

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