



CooVox-T100-S

CooVox-T100s is an easy-to-configure and delicate diminutive IPPBX system for small and medium-sized enterprises worldwide, especially for SIP trunk users. CooVox-T100s 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, T100s supports mixed networking of analog phones and VoIP phones.

Equipped with the brand-new software 4.0 system, CooVox-T100s 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 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.



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.



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.



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	
CPU	ARM 4 Core
RAM	1GB
Storage (SD Card)	8G SD Card (Industrial grade)
USB (Extended Storage Supported)	1 Port (File system format: FAT16, FAT32, EXFAT, 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	<ul style="list-style-type: none">100 Extensions50 Simultaneous Calls30 Conference Attendees400 hrs Recording (Internal Storage)6 EX16S Deployment (Recommended)	<ul style="list-style-type: none">Unlimited SIP/IMS Trunks (Max)Unlimited IVR LevelsUnlimited Number of QueuesUnlimited Phonebook ContactsMaximum 30 Paging Members (Recommended)	<ul style="list-style-type: none">500000 CDR History1TB USB Expansion StorageUnlimited Number of Incoming RoutesUnlimited Number of Outbound Routes
Protocols & Codecs	<ul style="list-style-type: none">SIP(RFC3261), IAX2DTMF(RFC4733, SIPINFO,In-Band)Transport Protocols:UDP,TCP,TLS,SRTPNetwork Protocols:IPv4, IPv6, VLAN, DHCP, PPPoE, DDNS, NTP, SNTP, TFTP, SSH, HTTPS, LDAPVideo Codecs:VP8,H.264,H.263+,H.263,H.261Audio Codecs:Opus, G.722, G.711(a-law,u-law), G.729, G.726, GSM, SPEEX,AMR,AMR-WB		
Telephony Features	<ul style="list-style-type: none">Call QueueRing GroupCall ForwardCall TransferCall PickupCall ParkingCall WaitingSpeed DialIVR (Multi-layer)	<ul style="list-style-type: none">Caller IDCall SpyVideo Call3-way CallingConference CallFollow MeCall BackDISASmart DID	<ul style="list-style-type: none">BlacklistVoicemailWakeup CallPIN CodeDo Not DisturbSwitch CallTime ConditionsPaging & IntercomOne Number StationsMusic On RingbackDistinctive RingtoneAuto Call RecordingOne Touch RecordingWeb Extensions (WebRTC)
Feature Highlights	<ul style="list-style-type: none">Remote ManagementSoftphone APP Auto Provisioning (QR Code Scan)IP Phone Auto Provisioning (PNP & Quick Register Code)LDAP Phonebook Auto Configure (H81, H83)EX16S Auto ProvisioningSIP Proxy (NAT Traversal)Open API Interface for Secondary Development to Connect with 3rd SystemsMultilingual Interface: Simplified Chinese, Traditional Chinese, English, Spanish, Czech, KoreanMultilingual System Voice: Chinese, English, Spanish, French and other 24 languages		

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



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