

IP PBX: PBX-C301

Suitable for Small-sized Businesses.



Overview

PBX-C301 is an affordable, scalable, interoperable, secure and reliable solution and provides not only traditional PBX features such as Automated Attendant and Voicemail, but also many advanced features including Remote Extensions, Remote Office Connections, Conference Bridge, Call Recording, etc. It is an ideal choice for small and medium sized companies under 100 employees who wish to build their own innovative business phone system.

Benefits

- Up to 100 Extensions and 30 Concurrent Calls
- 150 Hours Call Recording & Voicemail
- Support Multi-level IVR
- Intrusion auto-detection and prevention for Security
- Support VPN, Static Routing, DHCP, DDNS, Virtual IP, VLAN etc.

ADVANTAGES

IP PBX-C301

Quick Setup Wizard

Quick Setup Wizard allows speedy initial configuration of C-301 system. The wizard includes all essential configuration steps in an easy to use and intuitive web based interface.

SIP Proxy Services

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

Endpoints Provisioning

Quick and simple deployment of endpoint devices using PNP and Quick Register Code.

Billing

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

Extension Web Portal (WebRTC Integrated)

Thanks to the extension web portal, you can now Playback voicemail/recordings online, make/receive phone calls, click to dial, incoming call pop-up, send fax. All of this from within your web browser without installing any plugins.

Web Conference Manager

By using web conference manager, it will be much easier for you to start and manage a conference from the Web interface. Invite participants, mute/unmute participants, kick out participants can be done by a few mouse clicks.

CHARACTERISTICS

IP PBX-C301

Hardware Specifications

Telephony Interfaces	8x FXO/FXS/GSM/WCDMA, 4x BRI Interfaces
CPU	1GHz ARMv7 Processor
SDRAM	1GB DDR3
Storage	16GB SD Card
USB (Extended Storage Supported)	1 (Supported File System: FAT16,FAT32,EXTFAT,NTFS,EXT3,EXT4)
Ethernet Interface	WAN, LAN (10/100Mbps)
Power	DC 12V, 2A
Dimension	345x160x35mm (Rack mount or Desktop based)

Software Specifications

- 100 Extensions
- 30 Simultaneous Calls
- 30 Conference Attendees
- 150hrs Recording/Voicemail (Internal Storage)
- 1-6 EX16S Deployment (Recommended)
- Unlimited IVR Levels
- 50 SIP/IMS Trunks (Max)
- 500000 CDR History
- 10000 Phonebook Contacts
- 30 Paging Members

System Capacity

CHARISTERISTIC

IP PBX-C301

Protocols & Codecs

SIP (RFC3261), IAX2

Support

DTMF

(RFC4733, SIPINFO, In-Band)

Transport Protocols

UDP, TCP, TLS, SRTP

Network Protocols

IPv4, IPv6, VLAN, DHCP, PPPoE, 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

Support

Ring Group

Support

Call Forward

Support

Call Transfer

Support

Call Pickup

Support

Call Parking

Support

Call Waiting

Support

Speed Dial

Support

IVR (Multi-layer)

Support

Caller ID

Support

Call Spy

Support

Video Call

Support

3-way Calling

Support

Follow Me

Support

Call Back

Support

DISA

Support

CHARACTERISTICS

IP PBX-C301	
Smart DID	Support
Blacklist	Support
Voicemail	Support
Wakeup Call	Support
PIN Code	Support
Do Not Disturb	Support
Switch Call	Support
Time Conditions	Support
Paging & Intercom	Support
One Number Stations	Support
Music on Ringback	Support
Distinctive Ringtone	Support
Auto Call Recording	Support
One Touch Recording	Support
Call Detailed Records (CDR)	Support
Conference Call	Support
Feature Highlights	
Quick Installation Guide	Support
Softphone APP Auto Provisioning	QR Code Scan
IP Phone Auto Provisioning	PNP, Quick Register Code
LDAP Phonebook Auto Configure	(H81, H83)

CHARACTERISTICS

IP PBX-C301

EX16S Auto Provisioning	Support
SIP Proxy	NAT Traversal
Voicemail to Email	Support
Fax to Email	Support
Multilingual Web UI	Support
Multilingual Voice Prompts	Support
Multi-level User Administration	
Admin User	All Privileges
Operator User	Extensions, faxes, CDR, recordings, etc.
Extension User	WebRTC, recordings, voicemails, calllogs, etc.
Billing User	Support
Conference Manager	Support
Security	
Firewall Based on Iptable	Support
Intrusion Auto Detection & Prevention	Support
Geo-IP	Support
IP Black / White List	Support
Extension Permit IP	Support
Network Features	
WAN	Static IP, DHCP, PPPoE
VPN	PPTP, OpenVPN, IPSec, L2TP (Server & Client)
Static Routing	Support
DHCP (Server & Client)	Support
DDNS	Support
Virtual IP	Support
Local Domain Name Service	Support

CHARACTERISTICS

IP PBX-C301

VLAN (WAN & LAN Interface)

Support

SIP Proxy

NAT Traversal



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