

# IP PBX: PBX-C503

Suitable for Medium-sized Enterprises.



## Overview

PBX-C503 provides a centralized solution for the communication needs of businesses. It supports 500 extensions and 100 concurrent calls which is integrated voice, video, paging, fax, conference, recording and other useful functions. It's a truly powerful hardware platform and supports PSTN/GSM/WCDMA trunks, ISDNE1/T1 and BRI digital trunk lines. Through its innovative software features, it allows for enterprise-level unified VoIP communications.

## Benefits

- Up to 500 Extensions and 100 Concurrent Calls
- 7500Hours 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-C503

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#### Quick Setup Wizard

Quick Setup Wizard allows speedy initial configuration of C-503 system. The wizard includes all essential configuration steps in an easy to use and intuitive web based interface.

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#### 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.

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#### Endpoints Provisioning

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

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#### 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.

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#### Hot Standby

Two C503 servers run simultaneously, upon failure of one of the servers, the other server will take over all IP phone services. By using Hot Standby, it guarantees high availability of the enterprise phone services.

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#### 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.

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## CHARACTERISTICS

### IP PBX-C503

#### Hardware Specifications

<b>Telephony Interfaces</b>	8xFXO/FXS/GSM/WCDMA, 2xE1/T1, 4xBRI Interfaces
<b>CPU</b>	2.41GHz Dual-core Intel Processor
<b>RAM</b>	4GB DDR3L
<b>Storage</b>	16GB EMMC + 500GB HDD
<b>USB (Extended Storage Supported)</b>	2 (Supported File System: FAT16, FAT32, EXT FAT, NTFS, EXT3, EXT4)
<b>Ethernet Interface</b>	WAN, LAN (10/100/1000Mbps)
<b>Power</b>	AC100-240V, Max.1.5A
<b>Dimension</b>	440x222x44mm(19" 1U industry standard rack-mountable chassis)

#### Software Specifications

- 500 Extensions
- 100 Simultaneous Calls
- 100 Conference Attendees
- 7500hrs Recording/Voicemail (Internal Storage)
- 1-31 EX16S Deployment (Recommended)
- Unlimited IVR Levels
- 200 SIP/IMS Trunks (Max)
- 500000 CDR History
- 10000 Phonebook Contacts
- 50 Paging Members

#### System Capacity

## CHARISTERISTIC

### IP PBX-C503

#### 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-C503	
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
Web Extension (WebRTC)	Support
Conference Call	Support
<b>Feature Highlights</b>	
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-C503

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

## CHARACTERISTICS

### IP PBX-C503

<b>VLAN (WAN &amp; LAN Interface)</b>	Support
<b>SIP Proxy (NAT Traversal)</b>	Support



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