DASSCOM®
Innovative Sound

IP PBX SYSTEM

DUC-100

"Driving Productivity Through Unified Communication Solutions"

MADE IN INDIA

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DUC-100

DUC-100 is an easy-to-configure and delicate diminutive IPPBX system for small and medium-sized enterprises worldwide, espeically for SIP trunk users. DUC-100 is well suited for small businesses with up to 500 people and meets all the needs of an office phone system. When used with the FXS Gateway, DUC-100 supports mixed networking of analog phones and VoIP phones. Equipped with the brand-new software 4.0 system, DUC-100 can provide users with more convenience in application and management. Plus, improve enterprise communication efficiency, and help enhance enterprise value.

Feature Highlights

Endpoints Provisioning

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

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 trouble-shooting.

Operator Panel

The Operator Panel is a comprehensive software specially designed for the DUC 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.

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!

Softphone

softphone brings users a new office phone system experience while using the DUC IPPBX v4. 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.never been easier!

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.

3rd Party Compatible

In addition to the built-in phone system functions, DUC-100 is also compatible with third-party SIP systems, including standard SIP endpoints, CRM systems, and collaboration tools to expand the existing IP voice communication funtion

FXS Gateway Provisioning

FXS Gateway 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 collaboration tools to expand the existing IP voice communication function

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Software Specifications

System Capacity

- 500 Extensions
- 50 Simultaneous Calls
- 30 Conference Attendees
- 400 hrs Recording (Internal Storage)
- 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
- Ring Group
- Call Forward
- Call Transfer
- Call Pickup
- Call Parking
- Call Waiting
- Speed Dial
- IVR (Multi-layer
- Caller ID
- Call Spy
- Video Call
- 3-way Calling Conference Call
- Follow Me
- Call Back
- DISA
- Sma DID
- Blacklist
- Voicemail
- Wakeup Call
- PIN Code
- Do Not Disturb
- Switch Call
- Time Conditions
- Paging & Intercom
- One Number Stations
- Music On Ringback
- Distinctive Ringtone
- Auto Call Recording
- One Touch Recording
- Web Extensions (WebRTC)

Feature Highlights

- Remote Management
- Softphone APP Auto Provisioning (QR Code Scan)
- IP Phone Auto Provisioning (PNP & Quick Register Code)
- LDAP Phonebook Auto Con gure (H81, H83)
- EX16S Auto Provisioning
- SIP Proxy (NAT Traversal)
- Open API Interface for Seconda Development to Connect with 3rd Systems
- Multilingual Interface: Simplifed 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)

Application Scenarios

Restaurant

Venue

Retail Store

Mine

Financial Institution

Factory

Warehouse

National Park

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, EXTFAT, NTFS, EXT3, EXT4）
Ethernet Interface	WAN, LAN（10/100Mbps）
Console Port	1 Port（Rate 115200）
Reset Key	Support
Power	DC 12V-1A