IPX IP - PBX™

ADVANCE COMMUNICATOR

IPX enables you to set up your business phone system without heavy hardware and wiring expenses.
you can create an office or a workplace anywhere in the world. IPX PBX will connect all your employees into one network while being an effective tool for communicating with clients and partners...

IPX Capabilities at a Glance

- All-in-one Communications and Collaboration: The IPX IPPBX experience provides a single app for voice, video, conferencing and keeps employees productive on any device from any location.

- IPX is a pure software based Unified Communications & Collaboration solution (UC&C) that consolidates disparate business applications into a single powerful platform. It is delivered on a fault tolerant and open architecture with intuitive management tools. IPX IP-PBX can be deployed in a private cloud environment or as an on premise solution.

- Complete mobility solutions: Whether your employees are on the road, working remotely or just at a   different location, IPX intuitive tools and apps keeps them engaged, productive and reachable.

- IPX architecture allows customers to seamlessly integrate a variety of common applications and to add desired devices to the system. Security protocols are implemented to ensure the system's integrity and prevent unauthorized operations.

  IPX delivers powerful, flexible, and adaptable communications to enterprises both large and small. Its simple unified management structure ensures that customers experience the lowest total cost of ownership (TCO) with minimal IT resources required.

- Select the features that are right for you today and add new capabilities as your business grows and   faces new challenges. Regardless of the IP Office Edition you choose, you'll be backed by ANNEX and its experience of delivering communications solutions that matter to small and midsized businesses.

"IPX is Revolutionary IP PBX! Enabled our much-needed digital transformation effortlessly."

- RWA Pratik Group

Softphone & SIP Client

It is able to dial out from your mobile this allows users to communicate with their clients anywhere and anytime. It supports a SIP client application that allows the Apple iPhone and Android phone to be used as a IP-PBX extension. That includes remote workers being able to contact other offices or employees.

SIP Video Calling

SIP Video Call solution will enrich daily telephone contacts thanks to the video transmission. Hold conversations via IP videophones or the Softphone app not only with your nearest colleagues, but also with those working remotely. See on the videophone or the computer screen who is standing at the gate during an incoming call via an IP video door phone.

Voicemail

IPX offers a highly flexible, highly capable voice mail system. Among the features that it offers are:
Three different types of greetings (Busy Greeting / Unavailable Greeting / Temporary Greeting).
Notification of new messages through email. The notification message may also include an audio file containing the complete message.
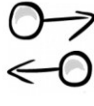
Live Customise Dashboard

Real-time insights, enhanced monitoring, and instant decision-making with Live Dashboard Live Dashboard provides real-time access to call data, traffic, and system performance, ensuring you stay updated at all times.

Call Queues / Call-Centre

Now you can offer flawless customer service with the powerful Call Queues built-in to the IPPBX. Several employees, or all of them, can answer incoming phone calls to your main line, the sales number, or anything else you need. You can upload music or record announcements, and you can let your callers know when they can expect to talk to someone

Real-Time Call Handling

Supervisors can proactively manage call queues and agent performance through Live Dashboard, leading to better customer experiences.

Music On Hold (MP3 Music)	Call Transfer (Attend/Blind)	Call Forward (All/Busy/No Answer)	Call Park	Busy Lamp Field (BLF)	Parallel Ring	3 Way Conference	Ring Group (Dept Hotline)
Prefix and Caller ID Display	Call Pickup (Group / Direct)	Live Conversation Monitoring	Voice Recording (Always / One Touch)	Call Detail Report	Voicemail (To Tel Set / To Email)	Day Night Mode	IVR (Auto attendance)
Call Queues (ACD)	Voice Conference Bridge	Video Call	Reports in Excel/PDF	Paging (All / By Group / Direct)	SIP Door phone with Camera	Dial Plan (for outbound call)	DISA (Control by Password)
Remote SIP Device (IOS/Android)	SIP Trunk connection (Via Internet)	VPN Server & Client L2TP/PPTP/ OpenVPN/N2N	VOIP Firewall Ready (Iptable)	Speed Dial	Support DDNS	Web 2.0 Admin Page	Backup and Restore

IPX IPPBX has all the features for corporate phonesystem, plus innovative extras built on our cutting-edge realtime communications platform.

IPG GATEWAYS

FOR LEGACY TELEPHONES

IPG Analog VoIP Gateways are cutting-edge products that connect legacy telephones, and PBX systems with IP telephony networks and IP-based PBX systems. Featuring rich functionalities and easy configuration, IPG is ideal for small medium & large enterprises that wish to integrate a traditional phone system into IP-based system. IPG helps them to preserve previous investment on legacy telephone system and reduce communication costs significantly with the true benefits of VoIP.

. 4/8/16/24/32 FXS ports or 4/8/16 FXO ports

. Fully compliant with SIP and IAX2

. Provides high-quality voice compression with industry standard codecs

. Excellent interoperability with a wide range of legacy and IP equipment

. Web-based GUI for easy configuration and management

Specifications

	IPG 504/508	IPG 16S	IPG 24S	IPG 32S
Interfaces				
Ports	4/8 FXS Ports	16 FXS Ports	24 FXS Ports	32 FXS Ports
Telephony Interfaces	RJ11			
Network Interfaces	1 10/100BASE-T Ethernet			
Indicators	Ports Status and Activity LEDs			
Media Processing				
Protocol	SIP (RFC3261), IAX2			
Transport	UDP, TCP, TLS, SRTP			
Codec	G.711 (alaw/ulaw), G.722, G.723, G.726, G.729A, GSM, ADPCM			
Network	DHCP, DDNS, OpenVPN, Static Route, VLAN			

Hardware	
Ethernet	1 x 10/100Mbps RJ-45 port
GUI Support	Supports Windows/Linux GUI Support
USB	Future Feature
Console	Console Interface

Protocols and Standard	
Standard	SIP 2.0 (RFC3261)
Protocols	RFC 793 TCP RFC 826 ARP RFC 1034, 1035 DNS RFC 1631 NAT RFC 2068 HTTP RFC 2131 DHCP RFC 2516 PPPoE RFC 3261, RFC 3311, RFC 3515 RFC 3265, RFC 3892, RFC 3361 RFC 3842, RFC 3389, RFC 3489 RFC 3428, RFC 2327, RFC 2833 RFC 2976, RFC 3263
Voice Codec	G.722/ G.711-Ulaw/ G.711-Alaw/ G.726/ G.729/ GSM/ SPEEX
Video Codec	H.261/ H.263 / H.263+ / H.264
Protocols	SIP 2.0 (RFC 3261), TCP/IP, UDP / RTP / RTCP, HTTP, ICMP, ARP, DNS, DHCP, NTP/SNTP, PPP, PPPoE

Network and Configuration	
Access Mode	Static IP, PPPoE, DHCP
LED Indications	SYS: 1, LNK/Off ETH: 1, LNK/Off PWR: 1, LNK/Off FXO: Red FXS: Green
Power Requirements	Input: 100 ~ 240V AC Output: 12V DC 2.0A
Operating Environment	-10~45 degrees C, 10~80% humidity

System Capacity	
System Capacity	Concurrent Call Legs Up to 1,00,000 IP Phone Registers/Extensions Recording (GSM / default): Voicemail (GSM / default

Internet Sharing	
Network Features	DDNS Client (PLANET DDNS and Easy DDNS) DHCP Server / SNMP v1/v2 IEEE 802.1Q of VLAN IP Assignment (PPPoE / DHCP / Static) IPv4 / IPv6 Manual Configuration of Static Route Table Troubleshooting (Ping, Traceroute) VPN Client (Supports N2N / L2TP / PPTP / OpenVPN) VPN Server (PPTP / L2TP / OpenVPN Server
Security Features	Refuse SIP Register DoS Refuse Abort Invite Dos Refuse SSH Login DoS Firewall / SRTP

Features	
PBX Features	Black List BLF (Busy Lamp Field) CDR (Call Detailed Record) Conference Room (3 rooms) DID (Direct Inward Dialing Number) DISA (Direct Inward System Access) DND / Feature Codes / Flash Operation Panel Follow Me / Auto-Provision IVR (Interactive Voice Responses) Multi-language System Prompt Multiple language of GUI Phone Book / PIN Set Record Files Download Ring Group / SIP Trunk Smart DID / System Log Time based rule Voicemail & Voicemail to Email
Call Features	Call Back / Call Forward / Call Group Call Hold / Call Paging and Intercom Call Park / Call Pickup / Call Queue Call Record / Call Route / Blind Transfer Attend Transfer / Call Waiting Caller ID / Dial by Name Customized IVR / on hold music / Transfer Three-way Conference / Video Call