

UBX1000/UBX5000

UBX Series IP PBX



UBX1000



UBX5000

Product Description

UBX Series IP PBX is a new generation IP PBX for large capacity unified communication solutions. Based on the powerful hardware platform, UBX Series IP PBX includes UBX1000 and UBX5000. UBX1000 and UBX5000 Pro support 1,000/5,000 extensions and 100/500 concurrent calls which are integrated voice, video, paging, fax, conference, recording, and other useful functions. It also provides four slots that can install E1/T1 boards, FXS, and FXO boards by hot-plug mode, so that it can be flexibly configured and combined according to the actual use scenarios. It is suitable for helping to build the telephony system of large and medium-sized enterprises and can meet the branch office needs of large group enterprises and government agencies, helping enterprises and industry customers to establish a convenient and efficient IP telephone system.

In addition, the UBX Series IP PBX provides an intuitive and easy-to-use graphical interface to facilitate user management and maintenance. With the open API, users can easily integrate the phone system with third-party systems of CRM and hotel system platforms. It provides a convenient and intelligent one-stop telephony solution for enterprises.

Product Features

- Supports Voicemail/ Voice recording
- Supports E1/T1, FXO, and FXS ports with flexible and alternative capability
- FXU User board supports power failure lifeline
- Distributed multi-core CPU, greatly improves the call processing capacity
- Flexible dial rules based on time, number or source IP etc.
- Supports Multi-level IVR, helps to build personalized voice navigation for enterprise
- User-friendly web interface, classification of web user's access permission

Specification	UBX1000	UBX5000
SIP Users	1,000	5,000
Concurrent Calls	120	500
MCU board Slots	1	1
Gigabit Ethernet ports	2 (By default, GE1 is the management port)	4 (By default, GE3 is the management port)
USB2.0	1	2
USB3.0		1
Console port	1	1
User board Slots	4	4
FXS Board (8 FXS Ports)	2*RJ45	2*RJ45
FXO Board (8 FXO Ports)	2*RJ45	2*RJ45
FXU Board (4 FXS and 4 FXO Ports)	2*RJ45	2*RJ45
DTU Board (4 E1/T1 Ports)	4*RJ45	4*RJ45
1+1 Power Supply (100-240 VAC, 50/60 Hz)		
Dimensions (W/D/H)	437*345*49 mm	437*345*49 mm
Power Consumption	50W	55W
Weight	5.7kg	5.6kg
Operating Temperature	0 °C ~ 45 °C	0 °C ~ 45 °C
Storage Temperature	-20 °C~80 °C	-20 °C ~80 °C
Humidity	10%-90% Non-Condensing	10%-90% Non-Condensing

PRODUCT FEATURES AND SPECIFICATIONS

UBX Series IP PBX

FXS

Connector: RJ45
Hook Flash
Polarity Reversal
Answer and Disconnect Signaling: Answer, Disconnect, Busy Tone
Caller ID: Bellcore Type 1&2, ETSI, BT, NTT and DTMF

FXO

Connector: RJ45
Caller ID: FSK, DTMF
Polarity Reversal
Answer Delay
Detection of Busy Tone
Detection of No Current
Auto Match of FXO Impedance

PSTN

4* E1/T1 Ports at max
Interface: RJ45 (120 Ohm)
ISDN PRI:
23B+D(T1), 30B+D(E1),
NT or TE ITU-T Q.921, ITU-T Q.931, Q.Sig
Signal 7/SS7:
ITU-T, ANSI, ITU-CHINA, MTP1/MTP2/MTP3,
TUP/ISUP
R2 MFC

Maintenance

Web GUI Configuration
Telnet Management
Configuration Restore/Backup
Multiple Languages Supported
HTTP Firmware Upgrade
Syslog, Ping/Nslookup/Traceroute
Traffic Statistics: TCP, UDP, RTP
Network Capture, Web Multi-User
NTP, FTP server
Classification of Web Users' Rights
HTTP&HTTPS/NATS API
Schedule Task, Event Report
Remote management via cloud services
Firewall, Hosts

Voice Capabilities

VoIP Protocols: SIP over UDP/TCP/TLS,
RTP/SRTP
Silence Suppression
Dynamic Jitter Buffer
Adjustable Gain Control
Automatic Gain Control (AGC)
Comfort Noise Generator (CNG)
Voice Activity Detection (VAD)
NAT: STUN/UPnP
DTMF: RFC2833/Signal/Inband
FAX: T.38 and Pass-through
Echo Cancellation: G.168 with up to 128ms
Call Progress Tones: Dial Tone, Ring Back Tone, Busy Tone
Audio Codecs: G.711, G.723.1, G.729, G.722, G.726, OPUS
Video Codecs: VP8, H.261, H.263, H.264

PBX Services

3-Way Conference
Routing Groups
Paging/Intercom
Voicemail to Email
CDRs, Multi-level IVR
Ring Group, Call Queue
Auto-attendant Function
Hotline, Do-not-disturb
Voicemail, Voice Recording
Event Report, Email Client
Zero configuration of the phone
Dial Rules, Failover Routing
Routing Based on Time Period
Routing Based on Source Trunks
Routing Based on Caller/Called Prefixes
Caller/Called Number Manipulation
Call Forward (Unconditional/No Answer/Busy)
Call Waiting/Call Holding/Call Transfer

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