



Full Featured Internet Telephone IP PBX System for SMB! Modular 2 / 4 Analog Lines Embedded IP PBX!

The IPX200/400 Series is the fully-featured IP PBX for enhanced SMB. There is no requirement to replace current analog PBX infrastructure. As a result, VoIP will be viewed as attainable by more businesses, providing greater opportunities for resellers to offer VoIP as part of their portfolio. The IPX200/400 series emphasizes open architecture, scalability and higher Return on Investment. By modular hardware design: IPX200/400 series can be made 4 kind of telephone interface. IPX200/400 series offer a multitude of features including extensive PBX functionality, integrated voicemail, cost saving call routing functionality, IP routing, SIP call signaling and much more.

IP PBX

Trunk

- 10 Multiple Service Providers Lines
- Trunk Management: Support SIP Trunk / Gateway Trunk Management / FXO Trunk
- Support two-stage /one-stage call to Trunk by Trunk Group Configuration
- Build in 2 / 4 FXO PSTN trunk (Modular)
- By adding external FXO analog gateway to use Terminal trunk Line
- By adding external GSM VoIP gateway to use GSM trunk line

Extensions

- Built-in SIP Proxy Server Following RFC-3261
- Support password authentication using MD5 digest and RFC2833 for DTMF Relay
- 100 extensions registration.
- 12 inbound/outbound concurrent calls, 24 user calls simultaneously [only supporting trans-codec G.729]
- 24 concurrent calls, 48 user calls simultaneously [No Trans-Codec]

Codec:

Pass-Codec
G.729, G.723, G.711 a-law, G.711µ-law, Ilbc, GSM ,

Trans-Codec

G.729
Video Pass-through
H.261,H.263,H.264,MPEG4

Configurable Call Routing (Dial Plan)

- Least Cost Routing
- Call Hunting – Round Robin

Call Detail Records

Extensions Status Monitor

- Register Status
- Talking Status

Call hold / call waiting / 3 way conference

Forwarding - unconditional / unavailable / busy for Each

Extension

Group based call pick-up

Call parking

5 Multiple Rooms for Meet-Me conference (support 3 calls in each room)

IVR / Auto Attendant:

- Configurable IVR prompts (Optional)
- Configurable IVR Menu
- Customized Greeting
- Music on Hold

Voice Mail

- Mail Box Access Control (PIN)
- Multi-lingual (Optional)
- 1G bytes storage
- MWI notification
- Voice mail to e-mail

Configuration & Management

- WEB Based Management
- HTTP method for Firmware Upgrade
- Backup / Restore Configuration File
- Record Greeting by IP Phone set
- Auto-provision Server for IP Phone configuration (Optional)

Protocol Standard

- SIP (RFC 3261)
- SDP (RFC 2327)
- RTP (RFC 1889)
- RTCP (RFC 1889)
- Out-Of-Band DTMF (RFC2833)

General Specification

- AC power: AC100V-240V, DC12V/1.5A,50/60 Hz
- Temperature: 0°C ~ 40°C (Operation)
- Humidity: up to 90% non-condensing
- Emission: FCC Part 15 Class B, CE Mark
- RoHS Compliant
- Dimension : 340 x 160 x 37 mm
- Weight: 2220g

Application Diagram



	IPX202	IPX201
<i>Ethernet Port</i>	1 WAN + 4 LAN	1 WAN + 4 LAN
<i>FXS</i>		1
<i>FXO</i>	2	1
<i>Module</i>	1 MI202	1 MI201
<i>1 G Storage</i>	●	●
<i>Asterisk Version</i>	1.4.20	1.4.20

IP PBX Module Series

	MI201	MI202
<i>FXO</i>	1	2
<i>FXS</i>	1	

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IPX400 Series

	IPX404	IPX402
<i>Ethernet Port</i>	1 WAN + 4 LAN	1 WAN + 4 LAN
<i>FXS</i>		2
<i>FXO</i>	4	2
<i>Module</i>	2 MI202	2 MI201
<i>1 G Storage</i>	●	●
<i>Asterisk Version</i>	1.4.20	1.4.20

IPX200 Series