

IP PBX – 9620M

Innovative-of-fit IP Key Telephone System for SME

- Up to 100 users and 20 concurrent calls
- Embedded AsteriskR IP PBX, the perfect unified solution for SMEs
- Ensured PSTN backup service in any event
- Battery back-up & temperature sensing for safe operation
- Encompassed all of the basic PBX features & enhanced features
- VoIP Protocol: IP version SIP RFC3261



Basic Call Service Related Features

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|---|--|
| <ul style="list-style-type: none">• Call Forward• Call Waiting• Call Transfer• Distinctive ringing /Group ringing• Music on Transfer• Call back• 3-Way Conference call• Redial | <ul style="list-style-type: none">• Call blocking• Incoming/Outgoing Call screening• Call Pick-up• Music on Hold• Do Not Disturb• Call Hold• Speed dial• Message Waiting Indication |
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General SIP Features

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|---|---|
| <ul style="list-style-type: none">• Proxy Registration and Failover• Multi-user Registration• SIP Transport – UDP, TCP, TLS• Realm-based authentication (Digest authentication)• DNS query (A record, SRV, NAPTR)• DTMF relay RTP payload (RFC2833) or SIP info• Visual Message Waiting Indicator | <ul style="list-style-type: none">• Outbound Proxy• Registration Timer• Secured media negotiation (STP)• Session Timers• Codec Negotiation• Hook flash signaling |
|---|---|

Voice and Codec

- CNG (Comfort Noise Generation)
- VAD (Voice Active Detector)
- Adaptive Jitter buffer
- Adjustable Audio Frames per packet
- Codecs
 - Narrow band - G.711 μ Law/aLaw with PLC, G723.1/A (pass through), G726, G.729 A/AB/E, BroadvoiceR16
 - Wide band - G.722.1, BroadvoiceR32
- Echo cancellation (G.168, G.165)
- Echo Suppression (G.164)
- Dynamic Payload Support
- Codec Auto Negotiation

PBX Features

- Hunt Groups
- Voicemail System
- Auto Attendant
- Find me/Follow me
- Call Parking and Call Retrieval
- Wake-up call
- Linear or Random Music Play
- PC client programs
- Versatile Management Features
- Remote diagnostics and software upgrade
- Conference Bridging and Access Control
- Call Detail Records
- Intercom
- Automatic/Manual redial
- Caller ID
- Interactive Voice Response
- Web Interface for Voicemail
- Flexible Dial Plan with Inter-Digit Timers
- Web Based system configurations

IP Network Standards

- IPv4/IPv6 Dual Stack
- IEEE802.1q for VLAN
- SNTP (Simple Network Time Protocol)
- SMTP
- SNTP for clock synchronization
- IEEE802.1p, diffserv for QoS
- Static Network Address Assignment

Host CPU Interfaces

- 12 FXO ports to the Central Office (RJ11)
- Reset and factory default button
- 1 Ethernet 10/100base TX port (RJ45)
- 6 LEDs for system status indication

TA board Interfaces

- 2 or 4 FXO ports to the Central Office (RJ11)
- Loop start Line interface
- 5 LEDs for board status indication
- Caller ID support

Power Adaptor

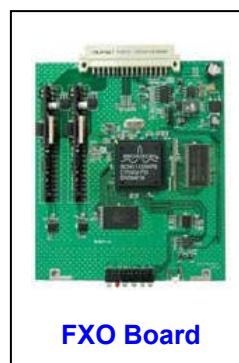
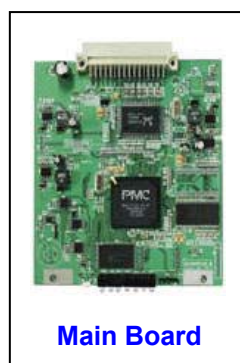
- Input 100 ~ 240VAC, 50~60Hz, 1.2A
- Output 12.0Vdc, 1.5A

Other technical Specifications

- Dimension: 55x291x221 (H x W x D)
- Humidity: 5% ~ 90% Non-condensing
- Weight: 4Kg
- Operating Temperature: 0 °C ~ 50 °C

IX200 Model Code

Model Code	Description
IX200-XBS-01A	IX200 IP PBX Base Station(/w Batter, Back Plane, FAN)
IX200-PCD-01A	Main Power Cord, 2.5m, Korean Style
IX200-ECA-01A	Ethernet Cable, Cat 5, 20m
IX200-DPA-01A	DC Power Adaptor
IX200-APU-01A	IX200 IP Key System Host
IX200-APM-01A	IX200 IP Key System Host Connector Board
IX200-DTA-01A	IX200 Dual Terminal Adaptor Board
IX200-DTM-01A	IX200 Dual Terminal Adaptor Connector Board
IX200-QTA-01A	IX200 Quad Terminal Adaptor Board
IX200-QTA-01A	IX200 Quad Terminal Adaptor Connector Board



Application:

