

# MyPBX U100

Embedded Hybrid IP-PBX for Small Business



IVR



Conference



RingGroup



Queue



Voicemail



PIN User



Firewall



QoS



VLAN



Redundancy

MyPBX U100 is a 1U rack mount model IP PBX for up to 100 users. Internally, it supports network access to ISDN BRI, PSTN, GSM/UMTS and VoIP. High performance, stability and compatibility, combined with rich functionality make MyPBX U100 perfectly suited for your business communication.

- **Easy to use**  
Easy to deploy and manage via web-based configuration interface
- **Robust all-in-one features**  
Deliver enterprise-class communication features and functionality to SMBs
- **Modular Technology**  
Customizable combination of FXO, FXS, BRI, GSM, CDMA, UMTS modules
- **Match your IP phone**  
Perfect interoperability with a wide range IP Phone
- **Speak your language**  
Multi-language Web interface and voice prompts
- **No future licensing fees**  
Scalable with plug-and-play ease without licensing
- **Enhanced security**  
Secure your communication from attack and abuse with firewall
- **Energy Saving**  
Embedded system with low power consumption for your green office



## PBX Features

- Automated Attendant (IVR)
- Attended Transfer
- Blind Transfer
- Blacklist
- Call Back
- Call Detail Records (CDR)
- Call Forward
- Call Parking
- Call Pickup
- Call Routing
- Call Waiting
- Caller ID
- Conference
- Do Not Disturb (DND)
- Follow me
- Intercom/Zone Intercom
- Music on Hold
- Music on Transfer
- Queue
- Ring Group
- Skype Integration (Skype Connect)
- Speed Dial
- Voicemail (3000 minutes)
- Voicemail to email
- Voicemail Forwarding

## Advanced Features

- Dial by Name
- Direct Inward System Access (DISA)
- Distinctive Ringtone
- Email to SMS
- LDAP Server
- Mobility Extension
- One Touch Recording
- Phone Provisioning for Aastra, Cisco, Escene, Fanvil, Grandstream, Panasonic, Polycom, Snom, Yealink IP Phones
- QoS (voice quality)
- Route by Caller ID
- SMS to Email
- Spy Functions

- Static Route

## Add-on

- Billing System
- Call Recording
- Hotel Module
- MyPBX Client

## Hardware Interface

- 1 LAN Ethernet 10/100 BASE-T
- 1 WAN Ethernet 10/100 BASE-T
- Up to 16 FXO ports
- Up to 16 FXS ports
- Up to 8 BRI ports
- Up to 8 GSM ports
- Up to 8 CDMA ports
- Up to 8 UMTS ports
- 1 USB port (2.0)
- 1 RS232 port
- 1 Audio Input port
- 1 Audio Output port

## System Capacity

- 100 IP phone users
- 25 concurrent calls
- 512 MB Onboard Flash
- 512 MB Onboard RAM

## Voice Processing

- Protocol: SIP (RFC3261), IAX2
- Transport: UDP, TCP, TLS, SRTP
- DTMF: RFC2833, SIP INFO, In-band
- Codec: G.711 (a-law, u-law), G.722, G.726, G.729 A, GSM, Speex, ADPCM, H261, H263, H263p, H264, MPEG4

## Multiple Languages

- System voice prompt: American English, Australian English, British English, Chinese, Dutch, French, Canadian French, German, Greek, Hungarian, Italian, Polish, Portuguese, Brazilian Portuguese, Russian, Spanish, Latin American

Spanish, Mexican Spanish, Turkish, Thai, Korean, Persian, Danish, Finnish, Norwegian, Swedish, Arabic

- Web GUI: English, Chinese Simplified, Chinese traditional, Portuguese, Spanish, Russian, Hebrew, Turkish, French, Italian, Polish, Romanian, Albanian, Thai, Korean, Persian, German, Dutch

## Security

- Firewall
- SIP TLS transport
- SRTP (RTP encryption)

## Faxes

- T30, T38 faxes
- Fax to Email
- Incoming fax tone detection

## Internet

- DHCP server
- DDNS
- Static IP
- DHCP client
- PPPoE
- VLAN
- VPN: OpenVPN, L2TP, IP Sec

## Physical

- Size: 340x210x44 mm (1U rackmount)
- Weight: 2.1 kg
- Power Supply: AC 100-240V (DC 12V 5A)
- Operation Range: 0 to 40°C, 32 to 104°F
- Storage Range: -20 to 65°C, -4 to 149°F
- Humidity: 10-90% non-condensing