



# ZX50 Embedded IP Phone System for Small and Medium Businesses



Embedded IP Phone System

30 Concurrent Calls

Up to 100 Registers

Easy Management

Multiple Language

IP Phone Provisioning

ZX50 IP phone system is SIP based and optimized for the small and medium business in daily communications. the ZX50 is able to accept 100 user registrations, and easy to manage a fully voice over IP system with the convenience and cost advantages.

Based on embedded technology, ZX50 series provides a solid, uniform platform for voice as well as data network communications. It offers a seamlessly integrated solution for the up-to-date telecommunication needs. Being more flexible, ZX50 series integrates 4~8 analog / 2~4 gsm / 1 PRI / 4 BRI ports to become a feature-rich PBX system.

Zx50 series integrates NAT functions to make it perfect for small business usage. Besides traditional PBX system functions, it provides many advanced functions including voice mail to email, web management and etc. Designed to run on a variety of VoIP applications, the IP PBX provide IP-based communications, voice conferencing, support paging / intercom, call recording and BLF (Busy Lamp Field) functions. It also supports call detailed record (CDR), centralized Auto-Attendant (AA), and Interactive Voice Responses (IVR). ZX50 series utilizes standard PSTN lines via the interfaces of gateway to support seamless communications among local calls, SIP-based endpoints including low cost long distance call service, telephone number portability and one network for both voice and data.



	Model	FXS	FXO	GSM	E1	BRI
ZX50-A4	* A4XX	0~4	4~0			
ZX50-A8	* A8XX	0~8	8~0			
ZX50-AG42	AG4204		4	2		
	AG4222	2	2	2		
ZX50-G4	G4			4		
ZX50-AE41	* AE41XX	0~4	4~0		1	
ZX50-B4	B4					4

Notice : Model with(\*), the first X means FXS channel number the second X means FXO channel number.

## System Specifications

### PBX Features

BLF (Busy Lamp Field)  
 DID (Direct Inward Dialing Number)  
 Conference Room(3)  
 Automated Attendant  
 IVR (Interactive Voice Responses)  
 DISA (Direct Inward System Access)  
 CDR (Call Detailed Record)  
 Voicemail  
 Feature Codes  
 SIP Trunk (10)  
 Blacklist  
 Phone Book  
 IP Phone Provisioning  
 Multiple Language (Chinese / English / Portuguese)  
 Support Skype for SIP  
 T.38 FAX(Pass-through)  
 Trouble Shooting (Ping, Traceroute)

### System Capacity

30 Concurrent Calls  
 Up to 100 Registers  
 1024 MB Onboard Flash  
 Recording(GSM): 8500 min  
 Voicemail(GSM): 8000 min

### Call Features

Caller ID  
 Video Calls  
 Call Paging and Intercom  
 Call Forward  
 Call Pickup  
 Call Park  
 Call Group  
 Call Routing  
 Music on Hold / Transfer  
 Call Transfer  
 Call Hold  
 Call Waiting  
 Call Queue  
 Call Recording  
 Three-Way Conference

### Codec & Protocol

Audio Codec:  
 G.711(a-law, u-law),G.729,G.726,  
 GSM,Speex  
 Video Codec Pass-through:  
 H.261,H.263,H.263+,H.264  
 Protocol: SIP (RFC3261) , IAX2  
 DTMF: RFC2833, SIP INFO, In-band

### Network Features

DHCP Server  
 IP Assignment (PPPoE / DHCP / Static)  
 VPN Client (Support N2N / L2TP)  
 Network Address Translation (NAT)  
 DDNS Client (Support DynDNS.org / No-ip.com)

## Hardware Specifications

1 WAN Port  
 1 LAN Port  
 1 Power Adapter Port  
 1 Reset Button  
 Analog Ports (for ZX50-A4 / A8)  
 PRI Port (for ZX50-AE41)  
 BRI Ports (for ZX50-B4)  
 GSM Ports (for ZX50-AG42 / G4)  
 LED indication  
 Power Supply:  
 Input: 100 V ~ 240 VAC  
 Output: DC 12 VDC, 2.0 A

## Environmental Specifications

Temperature: -10°C-45°C  
 Storage temperature:-30°C-65°C  
 Humidity: 10-80% no dew



ZX50-A4



ZX50-A8



ZX50-AG42



ZX50-AE41



ZX50-B4



ZX50-G4