



ZX50 Embedded IP Phone System for Small and Medium Businesses



Embedded IP Phone System

30 Concurrent Calls

Up to 100 Registers

Easy Management

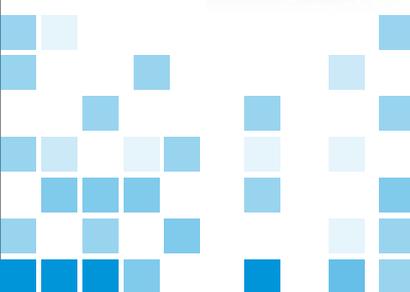
Multiple Language

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