INS50 IP PBX

Enterprise-Grade Unified Communications for Small Business

INS50 IP PBX is a embedded hybrid IP PBX specially designed to bring enterprise-grade Unified Communications and Security protection features to small business in a easymanage fashion. It offers up 50 users which offers the flexibility of integration of PSTN lines, GSM Channels and VoIP trunks. It offers a solution for converged voice, video, data, fax and mobility applications out of the box without any extra license fees or recurring costs.

Key Benefits

- Customizable combination of FXO, FXS, GSM, modules
- Easy to manage via web-based configuration interface
- Deliver enterprise-grade communication features and functionality to SMBs
- Perfect interoperability with a wide range IP Phone

Faxs

- T.30, T.38 Faxes
- Fax to Email
- Incoming fax tone detection
- 4 FXO ports or 4 FXS ports or 2 GSM ports
- no future licensing fees
- Stongest-possible security protection using SRTP, TLS and HTTPS

- Energy Saving, Embedded system with low power consumption for your green office

System Capacity

- 50 IP Phone users
- 15 concurrent calls
- 256Mb Onboard RAM
- 512Mb Onboard Flash

Voice Processing

- Protocol: SIP (RFC3261), IAX2
- Transport: UDP, TCP, TLS, SRTP ●DTMF Mode: RFC2833, SIP INFO, In-band
- Voice Codecs: G.711 (alaw/ulaw), G.722, G.726, G.726aal2, G.729A, GSM, ADPCM, Speex, ilbc, H263, H264
- Echo Cancellation: ITU-T G.168 LEC

PBX Features

- ●Call forward
- ●Call transfer
- ●Call waiting
- ●Call back
- ●Call routing
- ●Call ID
- ●DND
- ●DISA
- ●Conference
- ●Queue
- ●Ring group
- ●Paging/Intercom
- ●Voicemail
- ●Voicemail to Email
- ●IVR
- ●CDR
- ●Blacklist
- ●Music on Hold
- ●Office hours
- ●Auto Provisioning

Interface

- ●4 FXO ports or 4 FXS ports or 2 GSM ports
- ●Single or dual 10/100Mbps RJ45 Ethernet port(s)
- ●Peripheral Ports: USB(reserved) ●LED indicators: POWER, Run, Network, PSTN Line
- ●Reset button

Network Features

- ●Network Protocol: UDP, TCP, TFTP, HTTP, SSH, RTP, SRTP, ARP, NTP

- ●NAT Traversal: Static NAT, STUN
- ●HTTP/HTTPS web server
- ●Digest authentication using MD5
- ●Static Route
- ●OpenVPN
- ●VLAN
- ●QoS/ToS
- ●DDNS
- ●Firewall

Maintain & Upgrade

- ●Web based configuration
- ●Configure backup/restore
- ●Firmware upgrade by Upload/TFTP
- ●Web login password modify
- ●Blacklist
- ●Packet Capture
- ●IVR Customization
- ●Text to Wav
- ●Call Detail Record (CDR)
- ●System Logs
- ●SMTP
- ●Factory reset, Reboot
- ●Ping

Physical Properties

- ●Power Supply: DC 12V, 1.0A (Input:AC100-240V, 50-60Hz)
- ●Power Consumption:10W
- ●Temperature (Operation): 0℃ ~50 ℃ (Storage): -20 ℃ ~80 ℃
- ●Operation Humidity: 10%-90% No Condensation
- ●Dimension (W/D/H): 185*152*45mm