

# PX0050 DataSheet



PX0050 provides a cost-saving solution for small business users on their telecommunication and data needs. It's an embedded system with built-in SIP proxy server and NAT functions. It provides not only basic call functions on traditional PBX system but also many advanced functions including voice mail, email, web management, etc. It can also register to a ITSP vendor to let all offices share the benefits of the services from ITSP.

<b>Item</b>	PX0050	
<b>Port</b>	WAN	1xRJ45 10/100 Base-T Ethernet
	LAN	4xRJ45 10/100 Base-T Ethernet
	USB	host interface compliant with OHCI 1.1
<b>Reset Button</b>	1 reset button to restart the system	
<b>Operation Temperature</b>	0~40°C (32°~104°F)	
<b>Dimension</b>	150mm(W)x120mm(D)x30mm(H)	
<b>Weight</b>	0.6KG	
<b>Power Supply</b>	Input: 100-240V AC Output: +12V DC, 1 A	
<b>Humidity</b>	10%-95% (non-condensing)	
<b>EMI Compliance</b>	CE / FCC	

## Built-in SIP Proxy Server

- RFC3261 Session Initialization Protocol
- DTMF Relay: Inband/Info/RFC-2833
- Proxy Routed Mode and Direct Mode
- 200 User Registrations
- 60 Concurrent Calls (up to 30 Concurrent Remote Calls)

## Built-in NAT(Router) and Firewall Functions

- DHCP Server for LAN Users
- Access Control / URL Filter
- Virtual Server / DMZ / Special Application
- Static Route
- Passthrough
- UPnP
- DoS

## Management

- 2 Level Management – Administrator / Registered User
- HTTP Web Browser Management
- Remote HTTP Management
- Password Authentication using MD5 digest
- Software Upgrade via the Web Browser (HTTP-POST)
- Configuration Backup/Restore via Web Browser or USB Disk

## PBX Features

- Automated Attendant (AA)
- Interactive Voice Response (IVR)
- Voicemail (VM)
- FXO Gateway (16)
- Register to Different ITSP SIP Account (16)
- Least Cost Call Routing (20)
- Call Detailed Record (CDR)
- User Management via Web Browser
- Call/Pickup Group
- Codec: G.723.1(6.3k/5.3k)\*, G.729A/B, G.711(A-law/U-law)
- Display 200 Registered User's Status:
- Outgoing Call Block List (10)
- Register to Other PX0050
- Remote Office Support
- Interoperable with Other SIP Devices

## Call Features

- Call Forward Immediate
- Call Forward on Busy
- Call Forward on No Answer
- Do Not Disturb (Forward to VM)
- Direct Inward Dialing (DID)
- Call Pickup
- Call Park
- Call Retrieval
- Caller ID
- Roaming Extensions
- Music on Hold / Music on Transfer
- Call Queuing
- Call Recording\*
- SMS Messaging\*