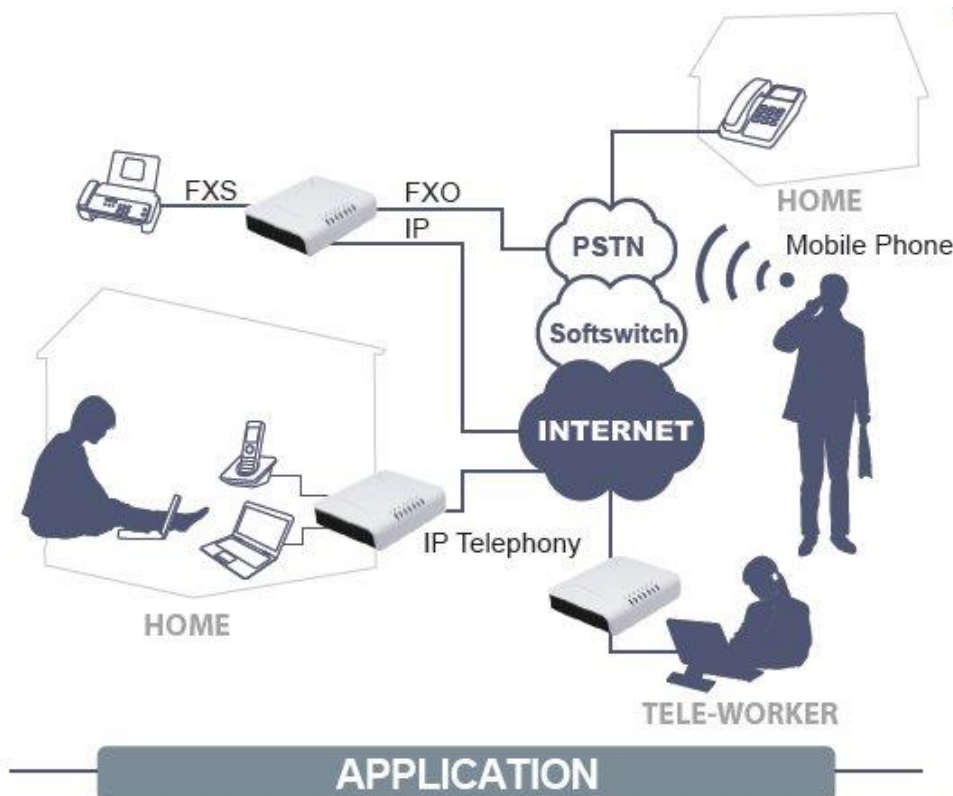


# SP350 Series

# Mini VoIP Router



- G.722 64kbps, G.711 a/μ-law, G.729A, G.726, G.723.1, GSM 6.10 Full Rate, iLBC 13.3 kbps
- DTMF Detection and Generation
- Silence Suppression & Detection
- Comfort Noise Generation (CNG)
- Voice Activity Detection (VAD)
- Echo Cancellation (G.168)
- Dynamic Jitter Buffer
- Call progress tone detection (FXO) and generation (FXS)
- Programmable Gain Control
- Inbuilt Local Mixer
- ITU-T V.152 Voice-band Data over IP Networks



**Physical**

- WAN: 1 x 100 baseTx,  
 auto cross-over,  
 auto speed negotiation,  
 RJ-45 connector
- LAN: 1 x 100 baseTx,  
 auto cross-over,  
 auto speed negotiation,  
 RJ-45 connector
- Telephone: RJ11 FXS or FXO port
- Factory default and Reset button
- Power jack

**LED Indicators**

- SP350DS: Power, Alarm, Register, Phone 1,  
 Phone 2, WAN, LAN
- SP350SO: Power, Alarm, Register,  
 Phone, Line, WAN, LAN

**Device Management**

- Web Based Configuration
- Telnet command line interface (CLI)
- IVR Configuration
- FTP / TFTP / HTTP Software Upgrade
- Configuration Backup and Restore
- Factory Defaults
- TR-069, TR-098, TR-104
- TR-111 part I & II (DHCP option 125)
- DHCP option 43, 60 Auto Provisioning
- SNMP V3/ V2c/ V1(optional)

**SIP Call Features**

- Peer to Peer Call
- Call Hold / Retrieve
- Call Waiting
- Call Pick Up
- Call Park / Retrieve (SIP Server Required)
- Call Forward - unconditional, busy, no answer
- Call Transfer - attended, unattended
- Speed Dialing
- Repeat Dialing
- Three-way Calling
- Hot Line and Warm Line

**IP Network Specifications**

- WAN: Static IP, PPPoE, DHCP, PPTP and L2TP
- NAT Functions  
 Support up to 250 Clients  
 Port Forwarding (Virtual Servers)  
 DMZ
- Support IPv4, IPv6(optional)
- QoS Support:  
 WAN: DiffServ, IP Precedence, Priority Queue  
 Rate Control, 802.1Q (VLAN Tagging),  
 802.1p (Priority Tag)  
 LAN: Rate Limit
- DDNS Support
- Network Protocol Support:  
 IP, TCP, UDP, TFTP, FTP, RTP, RTCP, ARP, ICMP,  
 NTP, DHCP, STUN Client, HTTP, HTTPS, DNS,  
 DNS SRV, Telnet, UPnP, IGMP, IGMP snooping,  
 IGMP proxy, RTSP ALG, SIP ALG

**General Information**

- Dimensions: W 13.8cm x H 3.19cm x D 9.86cm
- Weight: 150g
- Power: AC 100~240V 50/60Hz input, DC 12V/1A  
 output
- Operating temperature: 0°C ~ 45°C
- Storage temperature: -20°C ~ 70°C

**Ordering Information**

Model	Description			
	WAN	LAN	FXS	FXO
SP350DS	1	1	2	0
SP350SO	1	1	1	1

