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Faster and Easier Networks



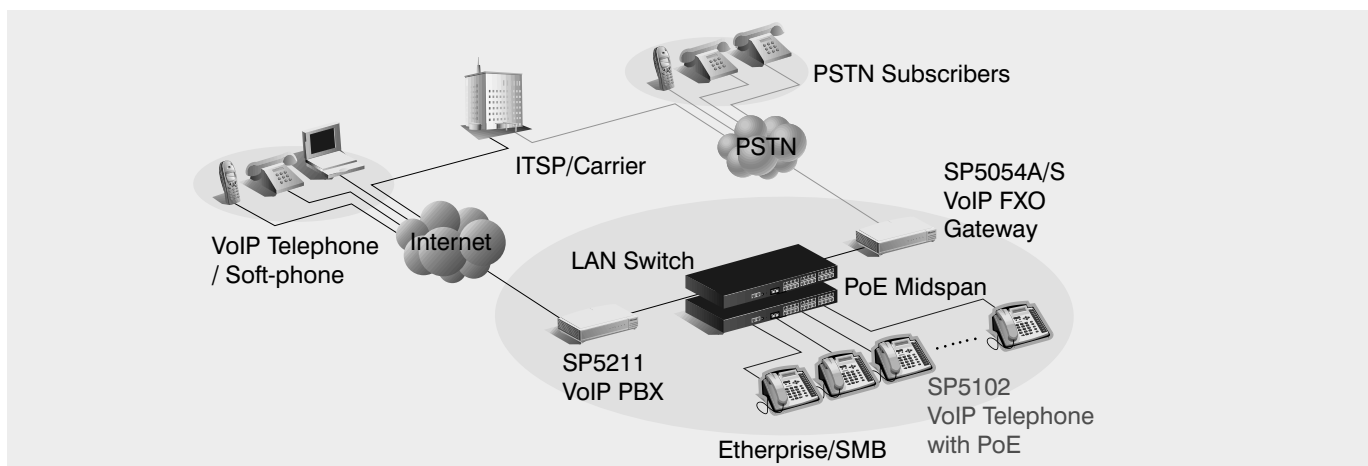
Micronet SP5102

# VoIP Telephone with PoE

The Micronet SP5102 VoIP desktop telephone highly integrates DSP/codec system-on-chip solutions to provide the industry highest voice quality. For ease-of-use functionality, SP5102 provides well compatibility with many well-known IP-PBX, and many user-friendly feature buttons of conference, call pick up, transfer, Redial, Hold etc. It also can be powered through IEEE 802.3af power over Ethernet (PoE) or a local power supply. (Micronet recommends SP5211, Asterisk, Siemens, Alcatel, Lucent and NEC IP-PBX for full feature functionality.) The simple operation and configuration are most suitable for residential, SOHO, and enterprise applications.

## Key Features

- Compliant with IETF SIP standards
- Support POE (Power over Ethernet) IEEE standard 802.3af
- Well compatibility with well-known IP-PBX (Micronet SP5211, Asterisk, Siemens, Alcatel, Lucent and NEC)
- User-friendly function buttons
- Support call conference / DND
- Support call pickup
- Support call waiting / call hold / call transfer (attended / unattended )
- Support Call forward (Busy, No-Answer and Unconditional)
- Call details list and MWI (message waiting indicator)
- Support QoS to ensure voice quality
- Support outbound proxy and STUN for NAT traversal
- TFTP support for firmware upgrade
- Support static IP, PPPoE and DHCP
- Cost-effective, suitable for pure VoIP environment



## VoIP Telephone with PoE

### SPECIFICATION AND PRODUCT FEATURES

<b>Model</b>	<b>SP5102</b>
<b>Standard</b>	IETF SIP, IEEE 802.3af
<b>Interface</b>	Two 10/100M RJ-45 ports Ear-phone Jack (RJ-11)
<b>Display</b>	2x16 dot-matrix LCD display
<b>Keypad</b>	12 Dialing buttons (0~9, *, #) 20 Fixed function buttons 2 Volume buttons
<b>Voice</b>	Support G.711A/μ-law and G.729 codecs CNG (comfort noise generation) EC (Echo Cancellation), G.168 Bad Frame Interpolation Gain (Voice Volume) Settings Provide Call Progress Tone Adaptive Jitter Buffer
<b>DTMF</b>	In-band, SIP Info, RFC2833 generation/detection Gain setting
<b>Telephony</b>	Address book, Speed dial, Redial Call forward (Busy, No-Answer and Unconditional) Call transfer(attended / unattended) Call hold / Call waiting / Call pickup DND (Do Not Disturb) Caller ID display Speakerphone (Full-duplex) Hand-free speaking 2 concurrent calls supported 3-way conference Call details list and MWI (message waiting indicator)
<b>QoS</b>	IP ToS (Type of Service)
<b>NAT Traversal</b>	STUN, Outbound Proxy
<b>Management</b>	Web / Telnet / Keypad / SNMP
<b>Environment</b>	Operating Temperature: 0 - 40 degree C Storage Temperature: 0 - 70 degree C
<b>Dimension &amp; Weight</b>	230 x 200 x 100mm(LxWxH) / 746g
<b>AC Power Supply</b>	9-12VDC, 1A
<b>Emission</b>	CE

The product specifications are subject to change without prior notice

### ORDERING INFORMATION

Model	Description
SP5102	VoIP Telephone with PoE



SP5102  
VoIP Telephone with PoE

- ① LCD Display
- ② Function Keys
- ③ Dialing Pad

### COMPANION PRODUCTS

Consider the following Micronet products as a factor in your network planning.

Ethernet Switch  
Industrial Ethernet  
IP Surveillance  
Wireless LAN  
VDSL • ADSL and Broadband  
IP Telephony  
KVM Switch  
Network Appliance  
Structured Cabling System

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