Empower your business communications

SipTone™ V *Ethernet Phone*

ip Dialog™
Intelligent Phones

Key Benefits

» Built-in power over Ethernet (POE)
» Enhanced security via TLS and SRTP
» Superior audio rendering technology
» Dedicated Intercom and BLF/presence keys
» Remote auto-provisioning and upgradability
» User/IT friendly: easy to configure and manage
» Proven design: fully tested and mature software

Features

Advanced Calling Features

» *Two separate lines, of which one can be optionally configured for survivability w/local PBX*
» *Two call appearances per line*
» *Intercom*
» *Instant Messaging using SIMPLE*
» *Presence using SIMPLE, PUBLISH, dialog-info*
» *Conference calling (with or without server assist – phone has onboard mixer)*
» *Call hold, call waiting, and call forwarding*
» *Call park, and auto call-back*
» *Call transfer (blind and consultative)*
» *Call return (*69) and caller ID blocking (*67)*
» *Caller ID and Call-waiting caller ID*
» *Configurable dial plan*
» *200 entry phone book*

User Interface

» *Keypad dialing*
» *2 line keys, 4 softkeys, 4 navigation keys and 6 function keys*
» *16 one-touch keys w/two-color LEDs, auto-provisionable as memory-dial buttons or Busy Lamp Field (BLF)/presence indicators*
» *Speed dial from phone book and call logs*
» *15 number redial*
» *Menu layout for easy navigation via LCD*
» *Missed/outgoing/incoming call logs,100 entries each*
» *5 distinctive ring tones*
» *4 call-waiting tones*
» *Tone Localization*
» *Busy and fast-busy tones*
» *Volume control*
» *Ringer level control*

Display and Indicators

» *Large, legible backlit graphic LCD*
» *Message waiting indicator (MWI)*
» *Line, Intercom, Mute, Hold, Speakerphone and Headset LEDs*

Configuration and Management

» *Web-based configuration and status check*
» *Digest authentication and two level password access*
» *Auto-provisioning using HTTP, HTTPS or TFTP*
» *Update/edit phone book remotely via web browser*
» *Software upgrade via HTTP, HTTPS, TFTP or FTP*
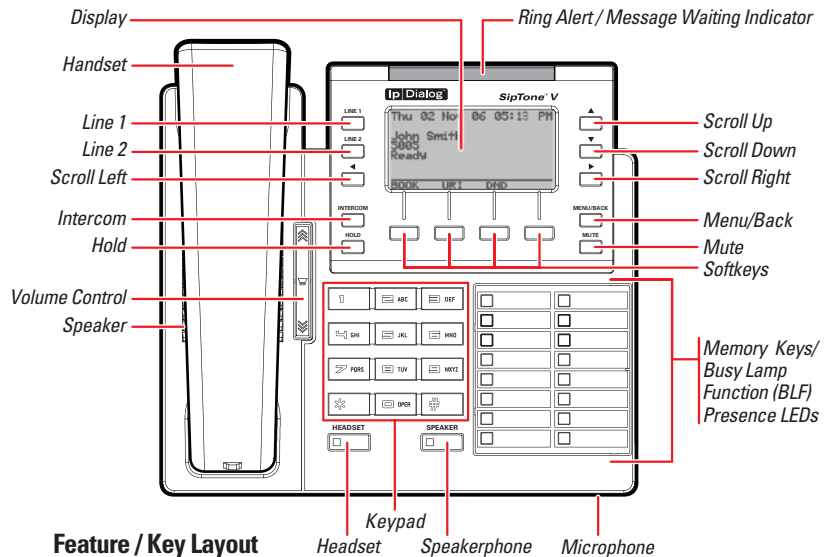
Enterprise Ready Feature Set

» *Integrated 2-port 10/100 Mbps Ethernet switch*
» *Hands-free full-duplex speakerphone*
» *802.3af Power over Ethernet, modes A and B*
» *Headset jack*
» *VLAN and DSCP support for QoS*

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Enterprise Class Functionality

The SipTone V Ethernet phone is designed to maximize employee productivity at a fraction of the cost of comparable solutions. This sophisticated new phone features excellent voice quality, rich and intuitive user interface, and a robust design that leverages seven years of research & development, customer input and interoperability data.

Built in are many advanced features usually found in higher priced phones such as dedicated and auto-provisionable memory/presence (BLF) keys, intercom, Power over Ethernet (PoE), TLS + SRTP security, a 2-port Ethernet switch, call park, auto call-back, and 3-way conferencing. The SipTone V Ethernet phone is based on the widely deployed SIP standard and is fully tested for interoperability with numerous third-party equipment vendors.

Feature / Key Layout

Display — Ring Alert / Message Waiting Indicator
Handset
Line 1 — Scroll Up
Line 2 — Scroll Down
Scroll Left — Scroll Right
Intercom — Menu/Back
Hold — Mute
Volume Control — Softkeys
Speaker — Memory Keys/ Busy Lamp Function (BLF) Presence LEDs
Keypad
Headset — Speakerphone — Microphone

Specifications

Protocols Supported
» SIP (RFC 3261)
» SDP (RFC 2327)
» (SIP) Subscribe/Notify (RFC 3265)
» (SIP) Offer/Answer Model (RFC 3264)
» (SIP) Refer Method (RFC 3515)
» (SIP) "Replaces" header (RFC 3891)
» SIMPLE (RFC 2778), PUBLISH (RFC 3856)
» Dialog-info (RFC 4235)
» History-info (RFC 4244)
» DTMF transport (RFC 2833)
» SIP INFO and in-band DTMF transport
» RTP/RTCP (RFC 3550, 3551)
» TLS and SRTP (RFC 3711, 2246)
» (SIP) DNS SRV (RFC 2782)

Network
» Manual or dynamic host control protocol DHCP (RFC 2131)
» DNS lookup/URL address resolution (RFC 1034 and 1035)
» QoS support – VLAN tagging (IEEE 802.1 p/q), DSCP (RFC 2475)

Security
» Transport Layer Security (TLS)
» Secure Real-time Transport Protocol (SRTP)
» Digest Authentication and two level password access

Auto-Provisioning and Upgrades
» Firmware Upgrades using FTP, TFTP, HTTP or HTTPS
» Auto-Provisioning using TFTP, HTTP or HTTPS

User Level Configuration and Status
» Browser based configuration interface and status pages
» Upload and edit phone book using web configuration interface
» LCD Display for access to phone book, IM and status

Audio
» G.711 a-law and µ-law, G.729a, iLBC**
» DTMF tone generation
» Acoustic echo cancellation
» Built-in audio mixer

Keypad
» Standard 12 button alphanumeric keypad
» 16 one-touch programmable BLF/presence/memory-dial keys
» Line 1 and Line 2 keys
» 4 Display Navigation keys
» 4 Softkeys
» Hold key
» Intercom key
» Menu/Back key
» Mute key
» Speaker key
» Headset key
» Volume Control key

Display
» 132 x 64 pixel backlit monochrome graphic LCD
» Large Message Waiting Indicator (MWI) LED
» 2 Line keys with three-color LED status indicators
» 16 Two-color LEDs for indicating BLF/presence
» Intercom, Hold, Mute, Speakerphone and Headset LEDs

Ports
» Two switched 10/100 Mbps Ethernet ports
» Plantronics compatible headset jack

Power Options
» Universal 100-240 Volt AC power adapter
» 802.3af Power over Ethernet, Modes A and B

Compatibility*
» Nortel Networks
  - CS 1000
  - MCS 5100
  - MCS 5200
» BroadWorks
» Asterisk
» Brekeke
» Epygi
» Talkswitch
» SIP Express Router (SER)
...and many more (see website for complete listing of compatible servers)

Operating Environment
» 10° – 40° Celsius (50° – 104° Fahrenheit)
» Relative Humidity: 20% to 85%, non-condensing

Dimensions
» L x W x H   8.50 x 7.875 x 7.00 inches (on base)
                       (216 x 200 x 178 mm)
» Weight   2.5 lbs (1.13 kg)
                       3.5 lbs. (1.6 kg) (shipping weight)

Certifications
» FCC Class B
» CE Mark
» RoHS compliant

Warranty
» One year limited warranty, return to factory

Miscellaneous
» Model Number: SipTone V   Part Number: IPD-ST-501
» Box contains: 1 phone, handset, handset cord, foot stand, universal AC power adapter and quick start guide
» Country of origin: Malaysia

Specific firmware loads may be required for some PBXes/servers   ** iLBC scheduled for release in Q3/07

CUSTOMIZATION: *ipDialog phones are software extensible and hardware customizable. Call for info.*

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