

## Exceptional Value in an Entry Level, Feature Rich IP Phone

The Zultys ZIP 53e, a new member of the carrier-grade, open-standards based Zultys ZIP-5 SIP family of phones, offers exceptional features and flexibility in an enterprise grade IP telephone. With a sleek, elegant design and a compact footprint, this multi-line SIP telephone delivers the advanced features and performance traditionally found only in higher priced products. Featuring a 3 line LCD display, the ZIP 53e supports up to 6 lines with call appearances, and offers advanced XML capability to access custom applications. It is fully interoperable with the Zultys family of award-winning IP phone system platforms, and can be fully managed by the Zultys MXIE Unified Communications desktop client.

Supported by a host of Zultys configuration options, XML development tools and continuous product enhancements via software releases, the value offered by the ZIP 53e makes it ideally suited for daily telephone use for the small and large business market and enterprise applications.



### Key Features and Benefits:

#### ■ XML Support

The ZIP 53e is equipped with XML browser capabilities allowing access to customized services and applications. You can create internal service applications using development guides available from Zultys. This feature provides unlimited potential to customize the ZIP 53e to meet your specific business needs or vertical and CTI applications using the display and keypad.

#### ■ Enhanced Call Management

With extensive storage capacity for personal directories, callers logs and redial lists, the Zultys ZIP 53e can improve efficiency by providing more call information with the push of a button. Features such as call forward, call transfer, call waiting, call park and pick up, busy lamp field, paging and local 3-way conference increase call flexibility and control.

#### ■ Remarkable Audio

All ZIP-5 Series IP Telephones offer full-duplex speakerphone for excellent voice clarity and delivery. With the addition of wide-band audio sound and over eight years experience in IP telephony and IP telephone design, Zultys can ensure superior voice quality on every product we sell.

#### ■ Simplified Deployment

From initial deployment and configuration to future enhancements and upgrades, the Zultys ZIP 53e is designed to save your business time and money. Dual auto-sensing switched Ethernet ports eliminate additional wiring and simplify installations. Integrated IEEE 802.3af Power-over-Ethernet allows easy deployment with centralized powering and backup. Easily created configuration files, using any text editor and a variety of communication protocols, can be used to configure phones individually or centrally.

### Feature Highlights

- Up to 6 lines with call appearances
- Multi-proxy support
- Distinctive ringing
- XML browser
- Personal directory
- Call forward/Call transfer/Call waiting
- Call timer
- Caller and calling line information
- Callers Log
- Local 3-way conference
- Paging and auto-answer capabilities
- Redial list, Do Not Disturb
- Programmable number pad speed dial
- Live dial pad support
- Missed call notification
- One-touch call transfer, conference or call park
- Busy Lamp Field (BLF)
- Park and pick up

## Feature Keys

- 8 programmable keys with LEDs. Pre-programmed functions include: Save, Delete, Directory and Services
- Up to 6 line/call appearance keys with LEDs (2 dedicated keys)
- 4 navigational keys
- 10 dedicated hard keys including: Transfer, Conference, Hold, Redial, Mute, 2 volume keys, Speakerphone, Options, Goodbye and Callers List

## Audio and Codecs

- Hearing aid compatible (HAC) handset
- Full-duplex quality speakerphone
- G.711  $\mu$ -law / A-law, G.729
- G.722 wideband
- Independent volume setting for handset/speakerphone
- Echo cancellation
- Comfort noise
- Packet loss concealment
- Headset mode support (via handset jack)
- Voice quality metrics

## Display and Indicators

- 3 line LCD display
- LED for call and message waiting indication

## Security

- User and administrator level passwords for login
- Encryption of configuration files
- HTTP configuration download and web management
- Phone lock with PIN
- Digest Authentication

## Localization

- Multi-lingual support – English, French, Spanish, Italian, German
  - Downloadable language pack support for customization and additional language translations
- Country-specific call progress tones and cadences
- Latin1-2 Character Support

## Protocol

- IETF SIP (RFC3261) and associated RFCs

## Networking and Provisioning

- Dual 10/100 Mbps switched Ethernet ports (LAN and PC ports)\*
- Manual or Dynamic Host Configuration Protocol (DHCP) IP address setup
- Support of multiple DHCP options: 66, 60, 43, 77, 159, 160
- Time and date synchronization using SNTP
- Quality of Service (QoS) support – IEEE 802.1 p/Q VLAN and priority tagging, Type of Services (TOS), and Differentiated Services Code Point
- Network Address Translation (NAT) support
- Integrated HTTP/HTTPS server for web administration and maintenance including a built-in troubleshooting section
- Mass deployment via central provisioning of user configuration files – TFTP, HTTP
- Redundant server support
  - DNS-SRV
  - Local backup registrar and/or proxy server
- RTCP support (RFC1889)
- RTP streaming for Paging and Intercom applications
- STUN / TURN support
- IEEE 802.1x protocol support
- LLDP-MED support

## Power

- Integrated IEEE 802.3af Power Over Ethernet (PoE) support
- AC adapter (48V DC) sold separately
- PoE Power Consumption: 3.85W

## Package Content

- Zultys ZIP 53e phone
- Handset and coil cord
- 2 x Footstand
- Ethernet cable
- Programmable keys label

- Wall mounting kit
- Documentation CD

## Physical

- 17.8cm W x 20.8cm D x 7.7cm H (7"W x 8.2"D x 3"H)
- 791g (25.4 oz)
- Four position desk stand
- Wall Mountable

## Operating Conditions

- Operating Conditions:
  - Temperature: 0°C to 50°C (32°F to 122°F)
  - Relative Humidity: 20% to 90%, non-condensing
- Storage Temperature: -50°C to 70°C (-58°F to 158°F)

## Certifications

- CE /Europe
  - ROHS compliant
  - WEEE (2002/96/EC)
  - CE Mark (89/336/EEC EMC Directive and 73/23/EEC Low Voltage Directive)

## EMC

- FCC Part 15 Class B
- ICES-003 Class B
- AS/NZS 3548 Class B
- EN55022 Class B
- CISPR22 Class B
- EN55024
- EN61000 4-2, 4-3, 4-4, 4-5, 4-6, 4-8, 4-11

## Safety

- CAN/CSA C22.2 No. 60950
- EN 60950
- UL 60950-1

## Telecom

- FCC Part 68 (Hearing Aid Compatibility)

## Part Numbers

- 90-0953e ZIP 53e phone with 3 line LCD, 6 call appearances, POE, no AC adapter

\* PC port performance may vary based on phone usage and network requirements of PC applications