

## Exceptional Value in an Entry Level IP Phone

The Zultys ZIP 51e, a new member of the carrier-grade, open-standards based Zultys ZIP-5 SIP family of phones, offers exceptional features and flexibility in a 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 51e 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-PBX 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 51e makes it is ideally suited for light telephone use for the small and home-based business applications.



## Key Features and Benefits:

### XML Support

The ZIP 51e 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 51e 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 51e 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 51e is designed to save your business time and money. 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
- 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

Single 10/100 Mbps switched Ethernet port  
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

AC adapter (5V DC) included

## Package Content

Zultys ZIP 51e 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

ROHS compliant  
WEEE (2002/96/EC)  
CE Mark (89/336/EEC EMC Directive and 73/23/EEC Low Voltage Directive)  
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  
CAN/CSA C22.2 No. 60950  
EN 60950  
UL 60950-1  
FCC Part 68 (Hearing Aid Compatibility)

## Part Numbers

90-0951e – ZIP 51e Phone with 3 line LCD, 6 call appearances, no POE, includes AC Adapter