

## Exceptional Features and Value in a Fully Featured, Expandable IP Telephone

The Zultys ZIP 57i offers powerful features and flexibility in a standards based, carrier-grade advanced level, expandable, IP telephone. Its sleek and elegant design includes a large 144 x 128 pixel graphical backlit LCD display and 6 dynamic context-sensitive softkeys, and offers advanced XML capability to access custom applications and support for up to 9 calls simultaneously. The ZIP 57i is fully interoperable with the Zultys family of award-winning IP Telephony platforms, can be fully managed by the Zultys MXIE Unified Communications desktop client.



### Key Features and Benefits:

#### ■ XML Browser

The Zultys ZIP 57i is equipped with XML browser capabilities and an extra large display with dynamic softkeys to easily access 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 57i to meet your specific business needs or vertical applications using the display and keypad.

#### ■ Enhanced Call Management

With extensive storage capacity for personal directories, callers logs and redial lists and 12 programmable keys, the Zultys ZIP 57i 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.

#### ■ Expandability

The Zultys ZIP 57i offers two different module extension options. It supports up to three Zultys 536M modules, each offering 36 keys with LED indicators to create a feature rich attendant console. Or, it will also support up to three of the advanced Zultys 560M modules, each offering 60 keys with a screen based LCD display and LED system.

#### ■ 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 our 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 family of IP telephones are 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, can be used to configure phones individually or centrally.

### Feature Highlights

- Up to 9 lines with call appearances
- Multi-proxy support
- Distinctive ringing
- XML support
- 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 speedial
- 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

- Up to 9 lines with call appearances
- 3 line/call appearance keys with LEDs
- 4 navigational keys
- 12 customizable softkeys with LEDs, programmable up to 30 functions
- 8 dedicated hard keys including Hold, Redial, Speakerphone/Headset toggle, Mute, Options, Goodbye, 2 volume keys

## 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/speaker/headset
- Echo cancellation
- Comfort noise
- Packet loss concealment
- Modular Headset Connector with built-in amplifier
- Electronic Hookswitch (EHS) support for wireless headsets
- Voice quality metrics

## Display and Indicators

- 144x128 pixels graphical backlit LCD display
- Soft white backlight for user comfort in any lighting environment
- Backlight Auto-on setting with configurable timer (power saving)
- 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

## Expansion Modules

- Supports up to 3x 536M or 560M modules

## 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, Latin 2 Character set

## Protocol

- IETF SIP (RFC3261) and associated RFCs

## Networking and Provisioning

- Dual 10/100 Mbps switched Ethernet 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

- AC adapter (48V DC) included
- Integrated IEEE 802.3af Power Over Ethernet (PoE) support
- PoE Power Consumption: 5W

## Package Content

- ZIP 57i phone
- Handset and coil cord
- 2 x Footstand
- AC adapter
- Ethernet cable
- Wall mounting kit
- Installation Guide

## Physical

- 23.5 cm W x 20.8 cm D x 8.0 cm H (9.3"W x 8.2"D x 3.2"H)
- 940 g (33.0 oz)
- 4 positions footstand
- 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)

## Regulatory

- CE
  - 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
- VCCI 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)
- AS/ACIF S004

## RF

- FCC Part 15 Class C
- EN 300-328
- EN 301 489
- AS/NZS 4771

## Part Numbers

- 90-0957i ZIP 57i phone with 144x128 pixel LCD, 12 soft keys, 9 call appearances, headset Jack, POE, includes AC Adapter