

## 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 that includes an integrated WDCT cordless mobility handset for coverage up to 300,000 sq ft.\* 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

## 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

90-09571 ZIP 57i phone with 144x128 pixel LCD, 12 soft keys, 9 call appearances, headset Jack, POE, includes AC Adapter