

## Feature-rich Executive Level Color Touch Screen Gigabit IP Phone

The Zultys ZIP 59i is for the discriminating executive who wants the very best in the industry. Featuring a high quality 5.7" full color high resolution VGA touch screen display, this stylish SIP Open Standards based phone offers an intuitive graphical user interface, 55 touch screen softkeys, full duplex wideband audio speaker and handset (for the best audio anywhere), dual Gigabit Ethernet Interfaces and extensive call management capabilities, built-in bluetooth interface and a USB port. The ZIP 59i is fully interoperable with the Zultys MX family of award-winning IP Telephony platforms and MXIE Unified Communications desktop client.



### Key Features and Benefits:

#### Large Touch Screen Display

The high resolution (640 x 480) full VGA backlit LCD Touch Screen display is at the heart of the ZIP 59i. A state of the art display, the screen provides helpful navigational menus to take full advantage of the powerful telephony features this SIP phone brings to the desktop. Adjustable brightness settings can be used to ensure maximum resolution quality in any lighting environment.

#### Remarkable Audio

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

#### Flexible Headset Options and Mobility

Providing enhanced headset flexibility, the ZIP 59i allows for a variety of headset options. Featuring a built-in Bluetooth interface and a dedicated Electronic Hook Switch port, the ZIP 59i facilitates mobility around the office while enjoying remarkable audio quality on your wireless headset.\*

#### 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 Gigabit (10/100/1000 Mbps) Ethernet ports eliminate additional wiring and simplify installations. Integrated IEEE 802.3af Power-over-Ethernet allows easy deployment with centralized powering and backup. All ZIP 5-series IP phones are easily provisioned and updated via Zultys' market-leading MXadministrator graphical management application.

\* Range capacity subject to operating environment

### Feature Highlights

- Large 5.7" Full VGA (640x480) Color Touch Screen LCD
- Integrated Gigabit Ethernet and Bluetooth support
- Built-in USB port
- Intuitive graphical user interface and navigation menus
- On screen keyboard for easy input and editing
- XML support for productivity-enhancing applications
- Multi-proxy support
- Up to 9 lines with call appearances
- Up to 55 programmable softkeys
- Distinctive ringing, priority alerting
- Call forward/Call transfer/Call waiting/Call timer
- Personal directory and Redial list with Picture support
- Caller and calling line information, Callers log
- Local 3-way conference
- Intercom and Paging with auto-answer
- One-touch call transfer, conference or call park
- Busy Lamp Field (BLF) support

## Feature Keys

3 dedicated line/call appearance keys with LEDs. Additional keys can be programmed on the LCD screen  
Voicemail key with LED  
Up to 55 customizable softkeys available on screen  
14 dedicated hard keys including:  
Voice Messages, Transfer, Conference, Services, Directory, Callers List, Hold, Redial, Mute, 2 volume keys, Speakerphone/Headset toggle, Options, Goodbye and Callers List  
Built-in USB port for future applications

## Audio, Headsets and Codecs

HD hardware design for enhanced wideband audio (handset, speakerphone and headset port)  
Full-duplex quality speakerphone  
Echo cancellation, comfort noise, packet loss concealment, adaptive jitter buffers and voice activity detection (VAD) technology  
Modular (RJ9) Headset Connector with built-in amplifier  
Built-in EHS (DHS) port for wireless headsets  
Bluetooth headset support  
Hearing aid compatible (HAC) handset  
Individual volume setting with visual indication for each audio device  
Codecs: G.711  $\mu$ -law / A-law, G.729, G.722 wideband

## Display and Indicators

Large 5.7" Full VGA (640x480) Color Touch Screen LCD  
Intuitive graphical user interface and navigation menus  
Adjustable screen brightness for user comfort in different lighting environments  
LED for call and message waiting indication

## Security

User and administrator level passwords for login  
SIP Digest Authentication

## Expansion Modules

Supports up to 3 536M or 560M modules

## XML API Capabilities

Display control based on user actions or on events  
Dynamic Phone Configuration  
CTI applications

## 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  
Latin 1, Latin 2 Character set

## Protocol

IETF SIP (RFC3261) and associated RFCs

## Networking and Provisioning

Dual 10/100/1000 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  
Centrally managed via MXadministrator  
Redundant server support

- DNS-SRV
- Local backup registrar and/or proxy server

RTCP support (RFC1889)  
Paging and Intercom call support  
STUN / TURN support  
IEEE 802.1x protocol support  
LLDP-MED support

## Power

AC adapter (48V DC) sold separately. AC adapter is required if using expansion modules.  
Integrated IEEE 802.3af Power Over Ethernet (PoE) support  
Power consumption (Watts): 8.0 (PoE)

## Package Content

ZIP 59i phone  
Handset and coil cord  
2x Footstand  
Ethernet Cable  
Wall mount kit  
Installation Guide

## Physical

23.5 cm W x 20.8 cm D x 7.7 cm H  
(9.3"W x 8.2"D x 3.0"H)  
1076 g (34.59 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: -20°C to 70°C (-4°F to 158°F)

## Regulatory

### 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

### Safety

CAN/CSA C22.2 No. 60950/ UL 60950-1  
EN 60950  
AS/NZS 60950  
CB Scheme

### Telecom

FCC Part 68 (Hearing Aid Compatibility)  
AS/ACIF S004

### RF

FCC Part 15 Class C, Section 15.247  
Industry Canada, RSS-210

## Part Numbers

90-0959i ZIP 59i phone with Large 5.7" Full VGA (640x480) Color Touch Screen LCD, 14 hard keys, 55 soft keys, 9 call appearances, USB port, headset Jack, POE  
90-0950i ZIP 5xi series phone High Angle Footstand accessory