Feature-rich Executive Level Color Touch Screen Gigabit IP Phone

The Zultys ZIP 59i is for the discerning 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 (DHSG) 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 µ-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
- PoE Power Consumption: 8W

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
- 90-09501 ZIP 5xi series phone High Angle Footstand accessory