

## Android OS-Enabled Smart Media Phone With Optional HD Camera and Bluetooth Handset

The ZIP 49GA Smart Media Phone combines productivity-enhancing visual communications with the flexibility of the Android operating system, accessed via a 7" touch screen, to deliver an outstanding user experience for business professionals.

Functions and contacts may be accessed quickly via 27 programmable soft keys. Wired and wireless headsets including Electronic Hook Switch (EHS) function are supported via the integrated USB port. The optional ZIP 450M Color Sidecar Expansion Module supports additional programmable keys.

The ZIP 49GA is fully compatible with Zultys' ZAC Unified Communications application, allowing users to manage calls and messages directly from their computer. Like all Zultys phones, the ZIP 49GA utilizes the Session Initiation Protocol (SIP) open standard and is managed from the Zultys MX Administrator application for rapid deployment and the industry's lowest total cost of ownership.



## Key Features and Benefits:

### HD Video & 7" Touch Screen

Enhance business communications with HD video calls presented on a large 7" high-resolution touch screen. The Android operating system provides access to a suite of applications, including email, calendar, calculator, and web browser. **(Note: Bi-directional video functionality requires an optional HD camera. The phone can receive video when no camera is installed).**

### Expansion Module, Wireless Handset and Headset Support

The ZIP 49GA may be combined with up to three ZIP 450M Color Expansion Modules to facilitate up to 180 additional LCD-labeled programmable keys, making it ideal for operators and receptionists. Staff requiring mobility around the office have several options to enable them to continue conversations away from their desk. Zultys offers an optional Bluetooth handset with answer and mute buttons for convenience. Alternatively, users can combine the ZIP 49GA with a compatible wireless headset and EHS4x adapter to utilize Electronic Hook Switch (EHS) controls.

### Video Door Phone Integration

Comprehensive integration with leading video door phone intercom providers, such as 2N, CyberData, and Baudisch, allows the ZIP 49GA to be utilized with building access control systems and to act as a video monitoring end point. One-touch door opening may be implemented with supported solutions.

### Simplified Deployment & SIP Open Standard

The Zultys ZIP 49GA is designed to save your business time and money. Flexible network connectivity with dual auto-sensing Gigabit Ethernet ports including IEEE 802.3af Power over Ethernet (PoE) support and integrated Wi-Fi simplify deployment. Zultys' leadership in SIP open standards IP telephony for more than a decade provides peace of mind and investment protection.

## Feature Highlights

- 7" 1024x600 pixel touch screen
- Optional 2-megapixel HD camera
- Android Operating System
- Built-in Bluetooth and Wi-Fi
- Wireless Access Point capability
- Optional Bluetooth cordless handset
- Dual Gigabit Ethernet ports
- Full call control via ZAC
- 27 programmable LCD-labeled keys
- Local 3-way video conferencing
- Local 10-way voice conferencing
- Support for compatible wireless and wired USB headsets
- Supports ZIP 450M Color Expansion Modules
- Busy Lamp Field (BLF)
- Web browser
- MX system & LDAP contact directories
- One-touch call record button with look back capabilities
- Call park and pick up
- Displays caller and called line information
- Call log and redial
- Missed call notification
- Paging and intercom auto-answer
- VLAN, DSCP, and QOS support
- SIP open standard
- MXnetwork Redundancy support
- 802.3af Power over Ethernet
- Hearing Aid Compatible (HAC) handset
- Wall mountable (optional bracket required)

View  
ZIP 49GA  
Video



## Feature Keys

- 27 programmable LCD-labeled soft keys
- Context-sensitive soft keys
- 9 dedicated function keys, including transfer, hold, redial, mute, volume, speakerphone, headset, and voicemail

## Audio and Codecs

- Full-duplex speakerphone
- USB headset support (compatible wireless or wired headset required)
- Bluetooth headset support (compatible headset required)
- Electronic Hook Switch (EHS) support. Requires compatible wireless headset and EHS4x adapter (Part: 90-09304)
- G.711  $\mu$ -law / A-law, G.729a
- G.722 wideband
- Independent volume setting for handset, headset, handsfree, and ringer

## Video and Codecs

- Optional 2-megapixel HD camera with privacy shutter and LED indicator (required for full video functionality)
- Video codecs: H.264 High Profile, H.264, VP8
- Video quality: 720P (1280x720)-30fps
- Video door phone support

## Display and Operating System

- 7" 1024x600 pixel capacitive touch screen
- LEDs for message waiting indication (MWI), headset, handsfree, and mute
- Android OS (9.0)

## Protocol

- IETF SIP (RFC3261) and associated RFCs
- Supports 6 SIP accounts

## Security

- User and administrator level passwords
- HTTP/S configuration download and web management
- Phone lock with PIN
- Digest Authentication

## Localization

- English, Chinese, French, German, Italian, Polish, Portuguese, Russian, Spanish, and Turkish
- Country-specific call progress tones

## Networking and Provisioning

- Dual 10/100/1000 Mbps switched Ethernet ports (LAN and PC ports)
- Wi-Fi 802.11a/b/g/n 2.4 GHz & 5 GHz network support
- Support for DHCP options 66, 43, and 176
- SNTP time and date synchronization
- 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
- Mass deployment via central provisioning of configuration files – TFTP, HTTP, HTTPS
- Built-in troubleshooting tools, including network packet capture
- RTCP support (RFC1889)
- RTP streaming for paging and intercom applications
- IEEE 802.1x protocol support
- LLDP-MED support

## Power

- Integrated IEEE 802.3af Power over Ethernet (PoE) support (class 3)
- Power Consumption: 3.3 - 7.6W
- Optional AC adapter (5V/2A) sold separately

## Package Content

- Zultys ZIP 49GA phone
- Handset and coil cord
- Ethernet cable
- Desktop footstand
- Quick Start Guide

## Physical

- Dimensions (WDH) - 259 x 220 x 215mm (10.2" x 8.7" x 8.5")
- Weight - 1.3kg (46 oz)

## Operating Conditions:

- Temperature: 0°C to 40°C (32°F to 104°F)
- Relative Humidity: 10% to 95%, non-condensing

## Certifications

- CE EMC and Safety
- FCC Part 15 Class B
- IC ICES-003 Issue 6
- RCM EMC, Safety and S004
- HAC US and Canada
- RoHS

## Part Numbers

- 90-0949GA ZIP 49GA Smart Media Phone, No AC Adapter
- 90-21160 ZIP 49GA HD Video Camera
- 90-21170 Phone Accessory, ZIP 49GA, Bluetooth Handset

## MX firmware Requirements

- MX Release 16.0.4 or later



## ZIP 450M Sidecar Expansion Module

### Display and Keys

- 4.3" 272x480 pixel color screen
- 60 programmable keys (three pages x 20 keys)
- Up to three expansion modules may be daisy chained per phone (phone and system limits apply to the maximum number of BLF keys)

### Power

- Powered from phone when one module connected; two or three modules requires AC adapter (sold separately)
- Power Consumption: 1.5W

### Physical

- Dimensions (WDH) - 197 x 124 x 138mm (7.8" x 4.9" x 5.4")
- Weight - 410g (14.5 oz.)

### Operating Conditions

- Temperature: -10°C to 50°C (14°F to 122°F)
- Relative Humidity: 10% to 95%, non-condensing

### Part Number

- 90-09450 ZIP 450M Expansion Module