

### ADK SIP IP Phone ADK-S64P

#### High End Color HD Voice IP Phone

ADK-S64P IP Phone is an industrial masterpiece offers superior user experience and simplicity for home and office users with elegant appearance and intelligent software.

ADK-S64P is positioning to be not only a telephone sitting on a user' s desktop for communication, but also a nice artwork in your living room or office.



#### Highlights

- √ The finest artwork in IP telephone industry
- √ Economical and intelligent product concepts
- √ Easy installation and configuration
- RTCP-XR (RFC3611)
- 5-way conferencing
- VQ-RTCPXR (RFC6035)
- Direct IP call without SIP proxy
- ✦ Ring tone selection/import/delete
- ✦ Set date time manually or automatically

#### Phone Features

- ✦ 3 SIP accounts
- ✦ Call hold, mute ,DND (Do Not Disturb)
- ✦ Dial plan, Dial-now
- ✦ One-touch speed dial, hotline
- ✦ XML Browser
- ✦ Call forward, call waiting, call transfer
- ✦ Action URL/URI
- ✦ Redial, call return, auto answer

## IP-PBX Features

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- ✦ Busy Lamp Field (BLF), BLF list
- ✦ Bridged Line Appearance (BLA)
- ✦ Anonymous call, anonymous call rejection
- ✦ Hot-desking, emergency call
- ✦ Message Waiting Indicator (MWI)
- ✦ Voice mail
- ✦ Call park, call pickup
- ✦ Intercom, paging
- ✦ Music on hold
- ✦ Call completion
- ✦ Call recording

## Feature Keys

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47 keys including:

- ✦ 4 line keys with LED , 10 memory keys
- ✦ Support expansion unit for EXP key
- ✦ 9 function keys: headset, message, mute, transfer, info, conference, hold, redial, speaker
- ✦ 4 context-sensitive “soft” keys
- ✦ 6 navigation keys
- ✦ 2 volume control keys

## Hardware Interface

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- ✦ 2xRJ45 10/100M Ethernet ports
- ✦ Power over Ethernet (PoE): IEEE 802.3af
- ✦ 1xRJ9 (4P4C) handset port
- ✦ 1xRJ9 (4P4C) headset port
- ✦ 1xRJ12 EXP port
- ✦

## Voice Codecs Features

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- ✦ Codecs: G.711(μ-law/A-law), G.723.1, G.726-32, G.729A/B, G.722(wide band), GSM\_FR, iLBC
- ✦ DTMF: In-Band, RFC2833, SIP Info
- ✦ Full-duplex speakerphone with AEC (Acoustic Echo Cancellation)
- ✦ Acoustic Gain Control (AGC)
- ✦ Voice Activity Detection (VAD)
- ✦ Comfort Noise Generation (CNG)
- ✦ Packet Loss Concealment (PLC)
- ✦ Adaptive Jitter Buffer (AJB)

## Physical Features

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- ✦ External universal AC adapter : AC 100~240V input and DC 5V/1.2A output
- ✦ Power consumption (PSU): 1.8~2.4 W
- ✦ Power consumption (PoE): 2.2-3.0W
- ✦ Operation temperature: -10 ~ 50°C
- ✦ Relative Humidity: 10 ~ 95%
- ✦ Weight - Phone: 0.74 kg
- ✦ Dimension: 240\*210\*125mm

## Directory

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- ✦ Local phonebook up to 1000 entries
- ✦ Black list
- ✦ XML/LDAP remote phonebook
- ✦ Intelligent search method
- ✦ Phonebook search/import/export
- ✦ Call history: dialed/missed/received/forwarded

## Display and Indicator:

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- ✧ 3.5 " TFT-LCD, 480 x 320 pixel, 262K colors
- ✧ Illuminated LEDs for line status information
- ✧ Intuitive user interface with icons and soft keys
- ✧ National language selection
- ✧ Caller ID with name, number

## Management

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- ✧ Configuration: browser/phone/auto-provision
- ✧ Auto provision via FTP/TFTP/HTTP/HTTPS
- ✧ Auto-provision with PnP
- ✧ SNMP v1/v2, TR-069
- ✧ Reset to factory, reboot
- ✧ Package tracing export, system log
- ✧ Phone lock for personal privacy protection

## Network and Security

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- ✧ SIP v1 (RFC2543), v2 (RFC3261)
- ✧ SIP server/proxy redundancy
- ✧ NAT traversal: STUN mode
- ✧ DHCP/Static/PPPoE HTTP/HTTPS web server
- ✧ Time and date synchronization using SNTP
- ✧ DNS-NAPTR/DNS-SRV (RFC 3263)
- ✧ SRTP for voice (SRTP)
- ✧ UDP/TCP/TLS(Transport Layer Security)
- ✧ QoS: 802.1p/Q tagging (VLAN), Layer 3 ToS DSCP
- ✧ IEEE802.1X
- ✧ HTTPS certificate manager

- ✧ OpenVPN
- ✧ AES encryption for configuration file
- ✧ Digest authentication using MD5/MD5-sess

## Languages

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- ✧ English French German Spanish Portuguese
- ✧ Russian Italian Polish Turkish

## Certificates

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- ✧ CE, FCC...