



# HD

## Two Lines Entry Level IP Phone

# ES220



Escene ES220 series is a popular type IP Phone in SayHi phones series, with modern design, functional, practical and voice clarity characteristics. It implements the rich-feature by cooperating with the communications platform, such as call transfer, hotline, multi-party conferences, voice mail, interruption-free, etc.

### Key Features

- ▶ HD Voice: HD Codec, HD Speaker, HD Handset
- ▶ Convenient and fast for Installation and maintenance
- ▶ Multi-Language :Chinese,English,French,Russian,etc.
- ▶ Support HTTP/TFTP/Telnet/Auto provision, and TR069 centralization maintenance
- ▶ 10 programmable keys ,Configuration for speed dial, hotline etc.
- ▶ Two SIP accounts and support three-way conference, SMS
- ▶ Enterprise Phonebook, LDAP Phonebook



# ES220 Technical Datasheet

## ► Phone Features

- 2 sip accounts, Hotline
- Call hold, Call waiting, Call forward, Call return
- Call transfer (blind/busy/ask)
- Caller ID display, Redial, Mute, DND
- Auto-answer, 3-way conferencing
- Speed dial, SMS, Voicemail
- Message Waiting Indication LED
- Tone scheme, Volume control
- Direct IP call without SIP proxy
- Ring tone selection/import/delete
- Phonebook (Personal Phone Book search input/output TTL 300 entries)
- Black list
- Hand-free indicator
- One-key back ©
- Call history: dialed/received/missed(50 - entries)
- Multi-Language
- Programmable Soft Keys, Supports PC control
- Support switching SIP server & Second server

## ► Advanced Features

- XML Phone Book search and input & output
- Enterprise phone book(800 entries)
- LDAP phone book
- Functions customizable keys

## ► IP PBX System Integration

- Busy lamp field (BLF), BLF list
- Bridged line appearance (BLA)
- DND & Forward synchronization
- Intercom, Paging, (MoH)
- Call pickup, Dial Plan, Call recording

## ► Compatible with the platform

- Anonymous call, Anonymous call rejection
- Network conference, Distinctive ringtone

## ► Security

- LLDP, VLAN QoS (802.1pq), VPN(L2TP)
- Transport Layer Security (TLS)
- Digest authentication using MD5/MD5-session
- Secure configuration file via AES encryption
- Phone lock for personal privacy protection
- Admin/User 2-level configuration mode

## ► Network Features

- SIP v1 (RFC2543), v2 (RFC3261)
- DNS SRV (RFC3263)
- NAT Traversal: STUN mode
- DTMF: In-Band, RFC2833, SIP Info, Auto
- HTTP/HTTPS Web Management
- IP Assignment: Static/DHCP/PPPoE
- Bridge/Router mode for PC port
- TFTP/DHCP/PPPoE client
- DNS client, NAT/DHCP server
- Ipv4

## ► Management

- Auto-provision via FTP/TFTP/HTTP/HTTPS
- SNMP V1/2, TR069
- Configuration: browser/phone/auto-provision
- Trace package and system log export

## ► Codes and Voice Features

- Wideband Codec: G.722
- Narrowband codec: G.711µ/A, G.723.1
- G.726, G.729AB, iLBC
- VAD, CNG, AEC, AGC
- Full-duplex,

## ► Physical Features

- 128x32 graphic LCD
- 27 keys including 2 programmable keys
- 6 LEDs: 1xstatus light, 1xspeaker light 2xaccounts lights, 1x message light, 1x headset light.
- 1x RJ-9 handset port
- 2xRJ45 10/100M Ethernet ports
- Power adapter: AC 100~240V input and DC 5V/1A output
- Power over Ethernet, IEEE 802.3af, class 0
- Power consumption: 2.5-3.5W
- Net weight: 1.07KG
- Dimension: 206x166x59MM
- Operating humidity: 10~95%
- Storage temperature: up to 60°C

## ► Package

- Qty/CTN: 10 PCS
- Carton Meas: 480x380x390MM
- Measurement: 0.065CBM(0.5% more or less)
- N.W/CTN: 11KGS
- G.W/CTN: 12KGS

## ► Certifications

**RoHS** **CE** **FC** 



**ES CENE**

Communication starts from **SayHi™**

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