

## ENTERPRISE IP PHONE

ES330 / ES320



### Key Features:

- 132x64 graphic LCD.
- 3 VoIP accounts (ES330).  
2 VoIP accounts (ES320).
- 6 Expansion Modules up to 192 keys(ES330).
- Support Communication app EP+.
- Adjustable bracket, wall-mountable.
- 2xLAN, POE, RJ9Headset.
- Multi-Language, USB Charging.
- XML/LDAP, BLF/BLA, Search someone in the Phone book.
- Auto-provision, HTTP/TFTP/FTP, TR069.

## Technical Datasheet

## Phone Features

- 3 SIP accounts, Hotline(ES330)
- 2 SIP accounts, Hotline(ES320)
- 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
- Black list, Hand-free indicator.
- Call history: dialed/received/missed (50 - entries);
- Multi-Language
- Soft keys programmable, Supports PC control

## 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, Music on hold
- Call pickup, Dial Plan, Call recording
- Anonymous call, Anonymous call rejection
- Network conference, Distinctive ringtone

## Codes and Voice Features

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

## Security

- 802.1x, VLAN QoS (802.1pq)
- Transport Layer Security (TLS)
- Digest authentication using MD5/MD5-sess
- 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

## Management

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

## Physical Features

- 132x64 graphic LCD
- 50 keys, 23 LED lights (ES330)  
49 keys, 22 LED lights (ES320)
- 12 programmable keys
- 1\* RJ-9 handset port, 1\*RJ9 handset port,  
1\* 3.5mm PC handset port  
2\* RJ45 10/100M Ethernet ports
- Power adapter: AC 100~240V input and DC  
12V/1A output
- Wall-mountable
- USB port only support DC 5V feature.
- Power over Ethernet ,IEEE 802.3af.class 0
- Net weight: 1.2KG
- Dimension: 287x214x90MM
- Operating humidity: 10~95%
- Storage temperature: up to 60°C

## Package Features

- Qty/CTN: 10 PCS
- N.W/CTN: 12KG
- G.W/CTN: 15.24KG
- Carton Meas: 485\*460\*300MM

## Certifications

FC CE RoHS



## COMPATIBLE WITH THE PLATFORM

AVAYA

Alcatel-Lucent

Asterisk

BROADSOFT  
Technology Partner

elastix<sup>®</sup>  
powered by asterisk

Genesys

Microsoft  
Lync

Metaswitch  
Networks

NEC

UNIFY

ZTE中兴

3CX

ES<sup>C</sup>ENE

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