

ES(ENE

HD

Two Lines Professional IP Phone

ES320N



ES320N is a small-screen-based IP phone in SayHi IP phone series, it has fashion and technological appearance, excellent voice quality, and powerful features, and it is a new generation of intelligent phones to replace of the traditional desktop office terminals, It accomplished the powerful telephony features by cooperating with the communications platform,. such as the call transfer, hotline, three-party conference calling, speed dial, voice mail, Do Not Disturb, etc.

Key Features

- HD Voice: HD Codec, HD Speaker, HD Handset.
- Multi-language, e.g. Chinese, English, Russian, French etc .
- Two SIP accounts and support three-way conference, SMS.
- Excellent adjustable bracket and wall-mountable.
- 2xLAN, PoE, RJ9Headset.
- XML/LDAP, BLF/BLA, Search someone in the Phone book.
- Auto-provision, HTTP/TFTP/FTP, TR069 .



ES320N 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
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)
Personal Phonebook(300 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.729AB,iLBC
VAD, CNG, AEC, AGC
Full-duplex,

Security

LLDP, VLAN QoS (802.1pq),VPN(L2TP)*
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
Configuration: browser/phone/auto-provision
Trace package and system log export

Physical Features

132x64 graphic LCD
49 keys, including 12 programmable keys
22 LEDs: 1* headset light, 2* account lights, 1* message light, 1* headset light, 12*programmable lights, 4* function lights, 1* speaker lights,
Wall-mountable
1* RJ-9 handset port
1*RJ-9 headset port
2*3.5mm PC headset port
2xRJ45 10/100M Ethernet ports
Power adapter: AC 100~240V input and DC 12V/1A output
USB only support DC 5V feature.
Power over Ethernet ,IEEE 802.3af,class 0
Power consumption: 2.5-3.5W
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



ESENE

Communication starts from **SayHi™**

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*these features are not available and blocked in firmware for products which are supplied to Russian Federation and EAC countries