ESCENE

HD

Two Lines Entry Level IP Phone

ES220

ES220 is a highly innovative based VoIP phone, It can perfectly satisfy with all kinds of the businessman communication. ES220 integrates with 132x48 graphic LCD, a large resolution display screen, elegant and intuitive user interface, extend adjustable bracket, which indicate you can enjoy perfect user experience. ES220 offers high audio quality HD handset, HD speaker and HD Code (G.722), with a rich set of business communication features that can definitely improve working efficiency and sense. ES220 is highly suitable for SMEs, Home Office and ISP applications.

Key Features

- Extend adjustable bracket.
- HD Voice: HD Codec, HD Speaker, HD Handset.
- Convenient and fast for Installation and maintenance
  Support HTTP/TFTP/Telnet/Auto provision, and TR069 centralization maintenance.
- Multi-language, e.g. Chinese, English, Russian, France etc.
- 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

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

Compatible with the platform

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

802.1x, VLAN QoS (802.1pq), SRTP*

Transport Layer Security (TLS)*

Digest authentication using MD5/MD5-sess

Secure configuration file via AES encryption*

Encryption for configuration file*

Phone lock for personal privacy protection

Admin/User 2-level configuration mode , LLDP, CDP

L2TP VPN tunneling protocol - added

Network Features

SIP v1 (RFC2543), v2 (RFC3261)

SIP connection: Proxy   mode & Peering Points mode;

IPV6 DNS SRV (RFC3263);

SRTP voice encryption(RFC3711)

Redundant server support

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

Telnet/HTTP/HTTPS server, DNS client, NAT/DHCP server

Layer 3 ToS, DSCP

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

132x48 graphic LCD

27 keys, including 2 account keys

6 LEDs: 1*status light, 1*speaker light 2* accounts

lights,1* message light,1* headset light.

1* RJ-9 handset port

2xRJ45 10/100M Ethernet ports

Extend bracket

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℃

Package Features

Qty/CTN: 10 PCS

N.W/CTN: 10.7KG

G.W/CTN: 13.94KG

Carton Meas: 485*460*300MM

Certifications

RoHS CE FC ISO 9001

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