The **ESI ePhone3™ Enterprise IP Phone** is a high-end desktop phone with 32 programmable LED keys to increase productivity for enterprise users at a cost-effective price.

Base Specifications

Model	Screen Size	Handset
ePhone3	2.8"	HD
Ethernet	**PoE**	**Power Adapter**
10/100/1000 Mbps	✓	Optional

Overview
- 4 SIP Line
- HD Voice
- POE Enabled
- 2.8" color screen
- Handset(HS) / Hands-free (HF) / Headphone (HP) mode (EHS support for Plantronics® headsets)
- Intelligent DSS Keys
- Desktop / Wall-mount installation
- Optional External Power Supply
- Industrial Standard Certifications: CE/FCC

Call Features
- Call out / answer / reject
- Mute / Unmute (microphone)
- Call Hold / Resume
- Call Waiting
- Intercom
- Caller ID Display
- Speed Dial
- Anonymous Call (Hide Caller ID)
- Call Forwarding (Always/Busy/No Answer)
- Call Transfer(Attended/Unattended)
- Call Parking / Pick-up (server based)
- Redial/Auto-Redial
- Do-Not-Disturb (per line / per phone)
- Auto-Answering (per line)
- Voice Message (server based)
- Local 3-way Conference
- Hot Line
- Hot-Desking (server based)

Phone Features
- Phonebook (500 entries)
- Remote Phonebook (XML/LDAP)
- Call log (100 entries, in/out/missed)
- Black/White List Call Filtering
- Voice Message Waiting Indication (VMWI)
- Programmable DSS/Soft keys
- Network Time Synchronization
- Action URL / Active URI

Audio
- HD Voice Microphone/Speaker (Handset/Hands-free, 0~7KHz Frequency Response)
- Wideband ADC/DAC 16KHz Sampling
- Narrowband CODEC: G.711a/u, G.723.1, G.726-32K, G.729AB
- Wideband CODEC: G.722
- Full-duplex Acoustic Echo Canceller (AEC) – Hands-free Mode, 96ms tail-length

Networking
- 10/100Mbps (D4P), 10/100/1000Mbps (D4G) Ethernet, dual bridged port for PC bypass
- IP Configuration: Static / DHCP / PPPoE
- Network Access Control: 802.1x
- VPN: L2TP (Basic Unencrypted) / OpenVPN
- VLAN
- QoS

Protocols
- SIP2.0 over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- PPPoE
- 802.1x
- L2TP (Basic Unencrypted)
- OpenVPN
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR069

RFCs
- 354 / 1321 / 1350 / 1769 / 1889 / 1890 / 2131 / 2132 / 2616 / 2617 / 2661 / 2833 / 2976 / 3261 / 3262 / 3263 / 3264 / 3265 / 3268 / 3311 / 3489 / 3711 / 4346 / 4566 / 5630 / 5865

Deployment & Maintenance
- eSIPx Bulk Auto-Provisioning
- Auto-Provisioning via FTP / TFTP / HTTP / HTTPS / DHCP OPT66 / SIP PNP / TR069
- Web Management Portal
- Web-based Packet-dump
- Configuration Export / Import
- Phonebook Import/Export
- Firmware Upgrade
- syslog

Physical Specifications
- LCD: 2.8 inch (320x240) color-screen
- Keypad: 39 keys, including:
    - 8 DSS key with tri-color LED
    - 4 Soft-keys
    - 6 Function keys
      (Hold, Call forward, Conference, MWI, Handset, Redial)
    - 4 Navigation keys + 1 OK key
    - 12 Standard Phone Digits keys
    - 3 Volume Control keys, Up / Down / Mute (Microphone)
    - 1 Hands-free key
- HD Hands-free Speaker (0~7KHz) x1
- HD Hands-free Microphone (0~7KHz) x1
- HD Handset (RJ9) x1
- Standard RJ9 Handset Wire x1
- 1.5M CAT5 Ethernet Cable x1
- RJ9 Phone Jacket x2: Handset x1, Headphone x1
- RJ11 port x1: Extension Module x1
- RJ45 Ethernet Jacket x2:
    - Network x1 (D4P-802.3AF POE Class 1),
    - (D4G-802.3AF POE Class 2),
    - PC x1 (Bridged to Network)
- Main Chipset: Broadcom
- DC Power Input: (D4P) 5V / 0.6A, (D4G) 5V / 1A
- Power Consumption:
    - (D4P) Idle – 1.2W ~ 1.9W, Peak – 2.4W ~ 3.5W
    - (D4G) Idle – 1.8W ~ 2.5W, Peak – 3W ~ 4.5W
- Working Temperature: 0 ~ 40° C
- Working Humidity: 10 ~ 65%
- Dual-Functional Back Rack x1: Desktop Stand / Wall- mount
- Color: Black
- Device Dimensions: 192 x 217 x 179mm (Desktop Stand)

The above specifications may be updated in the future without prior notice.
All hardware/software/physical features should be based on the final shipped products.