ESI ePhone3™ Enterprise IP Phone
Datasheet

The **ESI ePhone3™ Enterprise IP Phone** is a high-end desktop phone with 45 LED programmable feature keys to increase productivity for enterprise users at a cost-effective price.

Base Specifications

Model	Screen Size	Handset
ePhone3	3.5"	HD

Ethernet	PoE	Power Adapter
10 / 100 / 1000 Mbps	✓	Sold Separately

Overview
- Compatible with ESI eSIP Evolution Series™ & ESI eCloud PBX™
- 8 SIP Accounts
- HD Voice (handset + speakerphone)
- PoE Enabled - Optional external power supply sold separately
- 3.5" color LCD Display
- Handset / Hands-free / Headset modes
- Electronic Hook Switch - support for Plantronics® headsets
- Intelligent Programmable Feature Keys
- Two position desktop stand with dual angles (45 and 60 degrees)
- Industrial Standard Certifications: FCC
- Hearing Aid Compatible (HAC)

Call Features
- Call out / answer / reject
- Mute Key
- Call Hold / Resume
- Call Waiting
- Intercom
- Caller ID Display
- Speed Dial
- Call Forwarding (Always / Busy / No Answer)
- Call Transfer (Blind / Supervised)
- Call Parking / Pick-up (depending on server)
- Redial/Auto-Redial
- Do-Not-Disturb (per account)
- Auto-Answering (per line)
- Voice Mail
- Local 3-way Conference
- Hot Line (off-hook dial)

Phone Features
- 45 Programmable Feature Keys (5 pages of 9 keys)
- Phonebook (1000 entries)
- Remote Phonebook (XML / LDAP)
- Call log (600 entries, in / out / missed)
- Allowed/Blocked List Call Filtering
- Voice Message Waiting Indication (VMWI)
- Fixed Feature Keys
- Network Time Synchronization
- Action URL / Active URI
- Supports WiFi & Bluetooth with optional adapters (sold separately)

Audio
- HD Voice Microphone/Speaker; Narrowband CODEC: G.711a/u, G.723.1, G.726-32K, G.729AB, iLBC, Opus
- Wideband CODEC: G.722
- Full-duplex Acoustic Echo Canceller (AEC) – Hands-free Mode, 96ms tail-length
- Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) / Background Noise Estimation (BNE) / Noise Reduction (NR)
- Packet Loss Concealment (PLC)
- Dynamic Adaptive Jitter Buffer up to 300ms
- DTMF: In-band, Out-of-Band – DTMF-Relay (RFC2833) / SIP INFO

Networking
- 10/100/1000Mbps Ethernet, dual bridged port for PC bypass
- IP Configuration: Static / DHCP / PPPoE
- WiFi: 2.4GHz with optional adapter (sold separately)
- Network Access Control: 802.1x
- VPN: L2TP (Basic Unencrypted) / OpenVPN
- VLAN
- QoS

Protocols
- SIP 2.0 over UDP / TCP / TLS
- RTP / RTCP / SRTP
- STUN
- DHCP
- IPV6
- LLDP
- PPPoE
- 802.1x
- L2TP (Basic Unencrypted)
- OpenVPN
- SNTP
- FTP / TFTP
- HTTP / HTTPS
- TR069

RFCs
- 2833 / 3611 / 6035 / SIP INFO

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: 3.5 inch (320x480) color-screen
- Keys:
    - 45 Programmable Feature Keys with tri-color LEDs (5 pages of 9 keys)
    - 4 Soft keys
    - 1 Special Soft key for Page Switch
    - 7 Function keys (Voicemail, Headset, Redial, Hold, Transfer, Contacts, Mute)
    - 4 Navigation keys + 1 OK key
    - 12 Standard Dial Pad keys
    - 3 Volume Control keys, Up / Down / Mute (Microphone)
    - 1 Speakerphone key
- HD Hands-free Speaker (0~7KHz) x1
- HD Hands-free Microphone (0~7KHz) x1
- HD Handset (RJ9) x1
- Standard RJ9 Handset cord x1
- 1.5M CAT5E Ethernet Cable x1
- RJ9 Phone Jack x2: Handset x1, Headphone x1
- RJ45 Ethernet Jacket x2:
    - Network x1 (802.3AF POE Class 2 Enabled)
    - PC x1 (Bridged to Network)
- DC Power Input: 5V / 2A
- Power Consumption:
- POE: 1.5W ~ 6.8W
- Power Adapter: 1.3W ~ 4.4W
- Working Temperature: 32 ~ 104° F (0 ~ 45° C)
- Working Humidity: 10 ~ 95%
- Desktop Stand with dual angles (45 and 60 degrees)
- Color: Black
- Device Dimensions: 8.3 x 6.2 x 7 inches (211 x 158 x 178 mm)
- (Desktop Stand)
- Device Dimensions: 7.5 x 8.5 x 7 inches (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.