Entry-Level IP Phone

Elevate Enterprise Communication Efficiency

Synway's **Entry-Level IP Phone**—a sleek, cost-effective communication solution engineered to streamline daily workflows and boost team productivity for businesses of all scales. Designed with user-friendliness and compatibility at its core, this IP phone delivers reliable, high-quality calls without compromising on essential features.

- *Sleek, stylish product appearance*
- *Cost-effective and eco-friendly product design concept*
- *Easy installation and configuration*
- *10/100 Mbps adaptive Ethernet port with PoE support*
- *Broad compatibility with mainstream SIP platforms*
- *Rich call management & contact storage functions*
- *Best price-performance ratio*
- *Long-time Warranty*
- *Value-Added features*

Key Features and Benefits

- **Sleek, stylish product appearance**

  Benefit: Enhances office aesthetics with a modern design that fits seamlessly into any workspace, boosting your business's professional image while keeping desktops tidy.

- **Cost-effective and eco-friendly product design concept**

  Benefit: Lowers total ownership costs via budget-friendly pricing and energy efficiency; eco-conscious design aligns with sustainability goals, enhancing brand reputation.

- **Easy installation and configuration**

  Benefit: Saves IT time with plug-and-play simplicity—no specialized skills needed. Enables quick deployment, minimizing downtime and getting teams connected fast.

- **10/100 Mbps adaptive Ethernet port for high-speed network transmission, with PoE**

  Benefit: Ensures stable, clear calls with high-speed transmission; PoE simplifies wiring (no separate power cables) to cut installation costs and keep workspaces neat, with wide network compatibility.

Technical Specifications

Basic Specifications

- 2 SIP lines
- Power over Ethernet (PoE)
- Monochrome dot-matrix display
- Handset / Hands-free / Headset modes
- Desktop form factor
- Power adapter(optional)

Call Features

- Call dial-out / answer / rejection
- Microphone mute / unmute
- Call hold / resume
- Call waiting
- Intercom function
- Caller ID display

- Speed dial
- Anonymous call
- Call forwarding (unconditional / busy / no answer)
- Call transfer (attended / unattended)
- Call park / pickup (server-dependent)
- Redial / auto redial
- Do Not Disturb (DND)
- Auto answer
- Voicemail (server-dependent)
- Three-way conference
- Hot Line
- Hot desking

Phone Features
- Local phonebook (500 entries)
- Network phonebook (supports XML/LDAP, 500 entries)
- Call history (missed / received / dialed calls, supporting 600 records)
- Blacklist / whitelist
- Voice Mail Waiting Indicator (VMWI)
- User-customizable soft keys
- Network time synchronization
- Call recording support (server-side recording)
- Action URL / Active URI
- uaCSTA

Audio Features
- Narrowband codecs: G.711a/u, G.723.1, G.726-32K, G.729AB
- Full-duplex hands-free calling with Acoustic Echo Cancellation (AEC)
- 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 audio, Out-of-band – DTMF relay (RFC 2833) / SIP INFO

Network Features
- 10/100 Mbps Ethernet (bridge mode)
- IP addressing modes: Static IP configuration / DHCP / PPPoE
- 802.1x network access authentication support
- Virtual Private Network (VPN): L2TP / OpenVPN
- Virtual Local Area Network (VLAN)
- Quality of Service (QoS)

Supported Protocols

- SIP 2.0 over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- PPPoE
- 802.1x
- L2TP
- OpenVPN
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR-069

Configuration & Management
-Auto-provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/ SIP PnP/TR-069
- Web-based management interface
- Web-based packet capture
- Configuration export / import
- Phonebook import / export
- Software upgrade
- System logging (Syslog)

Physical Specifications
- Display: 128 x 48 backlit dot-matrix screen
- Keypad: 24 keys, including
  - 4 dynamic soft keys
  - 4 function keys (up / down / headset / redial)
  - 12 standard numeric keys
  - 2 volume control keys (decrease / increase)
  - 1 mute key
  - 1 hands-free key
- 1 x standard RJ9 handset cord
- 1 x 1.5m CAT5 network cable
- 1 x phone stand
- 2 x RJ9 ports: 1 for handset, 1 for headset
- 2 x RJ45 ports: 1 for network, 1 for PC (network bridge mode)
- DC input: 5V / 0.6A
- Power consumption: 0.89W~1.2W in standby, 1.81W~2.5W at peak
- Operating temperature: 0~40℃
- Relative humidity: 10~95%
- Installation: Desktop
- Color: Black
- Product dimensions: 153×165.8×163.1mm
- Package dimensions: 250×205×66mm (L×W×H)
- Carton dimensions: 420×340×265mm (for 10 units)