

New



- 4.3-inch colored IPS LCD display
- 10 SIP lines, paperless electronic paper turning
- Dual gigabit ports integrated with PoE function
- Encrypted call (OpenVPN/TLS/SRTP)
- Noise reduction HD sound quality
- Can be equipped with USB recording/Wi-Fi
- Advanced remote address book management
- Exquisite design concept, showing the visual feast of UI



TLS&SRTP



OpenVPN



HD audio



Gigabit  
Ethernet



Paperless  
design



Address  
book

### Explore ST840G series- Defines a new standard for business communication

The ST840G, a carefully made high-end business IP phone which is tailored for leaders and professionals, combines elegant business design with an unparalleled user experience. Equipped with 4.3-inch large IPS color screen, it brings intuitive and vivid operation interface and visual enjoyment to users, redefining the standard of efficient office.

### Brightening characteristic

The ST840G phone, with its smooth interface, fast response speed, and rich extension functions, allows users to immerse in the ultimate user experience, which effectively promotes team collaboration and personal efficiency.

**Excellent sound quality:** The use of advanced Opus broadband audio codec technology, coupled with ultra-high-definition sound quality, to provide with a realistic and clear audio call environment.

**Seamless connection:** Support gigabit dual network ports with PoE and integrates with USB interfaces, ensuring diverse connection requirements and efficient energy management.

**Efficient office, at your fingertips:** The unique page-turning paperless programmable button design, coupled with flexible configuration that can be extended to 40 keys, greatly simplifies the operation process and make efficient office a reality.

**Unlimited connectivity:** The USB port not only support the connection of Wi-Fi dongle, but also can be used for recording and online playback, greatly enhancing the functionality and flexibility of the phone.

**Security upgrade:** Equipped with OpenVPN, TLS&SRTP advanced encryption technology, provide rock-solid privacy protection for your communications, ensuring that every communication is safe and private.

**ST840G goes beyond the boundaries of tradition telephone equipment and becomes the preferred tools for business professionals and leaders to improve communication efficiency and present professional images. It is your powerful ally on the road to business excellence, helping you succeed every step of the way.**

### Phone Features

- 10 SIP lines
- Multi-language selection (Chines/ English/ Turkish/ Korean/ Russian/ Traditional Chinese/ French/ Italian/ German/ Portuguese/ Polish/ Thai/ Hindi/ Arabic/ Japanese/ Spanish/ Vietnamese )
- Caller ID with display name
- Programmable buttons
- Custom DSS key, BLF monitoring, hotline, speed dial
- Handle/ hands-free/ headphone mode
- Call hold, mute, blind transfer, inquiry transfer
- DND, call forwarding, call waiting
- Multicast, intercom, text message, keypad lock, emergency call
- Direct IP call, redial, callback, auto answer
- Five-party conference, line sharing, dialing rules
- 10 types of built-in ringtones/ Upload custom ringtones
- Manually or automatically synchronize network time
- Screen saver, power saving mode
- Action URL & Action URI

### Audio

- High-fidelity sound quality : HD handle, HD hands-free
- Broadband codec: G.722, Opus
- Narrowband codec: G.711(A/μ), G.723.1, .729AB, G.726, iLBC
- DTMF: In-band transmission (In-band), Out-of-band transmission (RFC 2833), SIP INFO
- Full-duplex hand-free
- Acoustic echo cancellation (AEC)
- Voice activity detection (VAD)
- Comfort noise generation (CNG)
- Packet loss compensation (PLC)
- Background noise detection (BNE)
- Automatic gain control (AGC)
- Dynamic adaptive RTP jitter buffer up to 300 ms

### Address Book

- Blacklist
- XML/LDAP address book
- Contact smart search
- Contact export/ import
- Local contacts (1000 entries can be stored )
- Call history: dialed/ received/ missed/ forwarded calls (1200 records in total)

### IP PBX Features

- BLF, voice message
- Anonymous call, anonymous call rejection
- Call park, call pickup
- Server-based recording function

### Configuration and Maintenance

- Web configuration, Phone configuration
- Automatic deployment: Support FTP/ TFTP/ HTTP/ HTTPS/ SIP PnP/TR-069
- BIN/ CFG configuration
- Contact configuration export/ import
- CSTA remote control
- Network packet capture and diagnosis
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- Custom/ full restore factory settings
- System firmware upgrade

### Network

- Support IPv4 / IPv6 / IPv4&IPv6
- IP address allocation mode: Static IP / DHCP
- Virtual Local Area Network: VLAN
- Data link layer protocol: CDP / LLDP
- SIP v1 (RFC2543), v2 (RFC3261)
- Support redundant servers
- Support ICE, STUN (NAT session traversal)
- Support UDP/ TCP/ TLS transmission
- Support SRTP encryption protocol
- SIP trust serve (anti-attack mechanism)
- HTTP/HTTPS
- TR-069 network management protocol
- SNTP automatically synchronizes network dates and times
- QoS: QoS: 802.1p/Q tagging (VLAN), Layer3/ ToS/ DSCP
- HTTPS certificate management
- Support configuration file encryption
- Support information verification mechanism
- RTCP-XR, VQ-RTCPXR
- OpenVPN, IEEE802.1X

### Phone Interface

- 1 x RJ-9 (4P4C) handle interface
- 1 x RJ-9 (4P4C) headset interface
- 2 x RJ-45 10/ 100/ 1000M adaptive Ethernet port (Internet network port, PC network port)
- DC power interface, USB2.0 interface
- USB Type C for DSS 32

### Product Specifications

- Phone main screen: 4.3-inch 480x272 pixel color IPS display
- Information indicator: LED red light
- Phone keyboard:
  - 10 SIP line keys (with LED lights, programmable)
  - 4 customizable soft keys
  - 12 standard telephone number keys
  - 6 function keys headset, voice message, mute, call forwarding, redialing, hands-free
  - 5 navigation keys
  - 2 volume up/down adjustment keys
- Color: business gray
- Installation method: Desktop/ Wall-mounted
- Desktop size: 187mm\*184mm\*162mm
- Phone power consumption: 2~3W
- PoE: IEEE 802.3af/IEEE 802.3at (ST800P and ST790G)
- Working environment humidity: 10~95%
- Working temperature: -10~50° C (+14~122° F)

### Carton Package

- Packing list:
  - IP phone: ST840G
  - Standard Ethernet cable, handle curve
  - Base, handle and Quick start guide
  - Power adapter: input AC 100~240V, Output DC 5V/ 1000mA
- Quantity/ box: 10units
- Gross weight/ carton: 9.5 kg
- Color box size: 205mm×205 mm×95mm
- Carton size: 500mm×430mm×230mm