

New



SIP-T790N

- ✓ 2.4-inch colored LCD display screen
- ✓ 4 SIP lines, paperless electronic page turning
- ✓ 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



USB2.0



Paperless
design



Address
book



Explore the T790N series - Color innovation of enterprise communication

The complete new generation SIP-T790N color screen phone leads the enterprise market with its excellent performance and price ratio. This well-designed device not only provides 4 SIP lines, but also is equipped with 100 Mbps Ethernet port, which makes the network connection more rapid and stable, ensuring smooth and unimpeded communication, improves the effectiveness and visual enjoyment of communication.

Brightening characteristic

Visual feast: 2.4-inch high-definition color LCD screen, delicately display call information and intuitive icons, bringing color to your communication.

Intelligent operation: 4 bi-colour light programmable buttons simplify complex operations, making communication effective and productive.

Green office: The one-touch electronic page turning function perfectly interprets the paperless design concept.

Listening enjoyment: Advanced noise reduction technology is used to ensure the high-fidelity sound quality of each call, clear and delicate as if you were on the scene.

Security: OpenVPN, TLS & SRTP encryption technology is integrated to ensure call security, so that every conversation is at ease.

Seamless integration: Compatible with mainstream IP PBX systems, it supports enterprise-level network management platforms and seamlessly integrates into various business environments.

SIP-T790N is an ideal choice for all kinds of enterprise scenarios. It can not only meet the daily office needs, but also greatly improve the efficiency of work flow while ensuring data security. Select SIP-T790PN series IP phone to empower enterprise communication and release collaboration potential.



Phone function

- 4 SIP lines
- Multi-language selection (Chinese/English/Turkish/Korean/Russian/Traditional Chinese/French/Italian/German/Portuguese/Polish/Thai/Hindi/Arabic/Japanese/Spanish/Vietnamese/Farsi)
- Caller ID with display name
- Custom DSS key, BLF monitoring, hotline, Speed dial
- Handle/hands-free/headphone mode
- Call hold, mute, blind transfer, inquiry transfer
- Do not disturb, call forwarding, call waiting
- Multicast, intercom, text message, keypad lock, emergency call
- IP direct 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
- Action URL & Action URI

Audio characteristic

- High-fidelity sound quality: HD handle, HD hands-free
- Broadband codec: G.722, Opus(SIP-T790PWN)
- Narrowband codec: G.711(A/μ), G.723.1, G.729AB, G.726, iLBC(SIP-T790PWN)
- DTMF: In-band transmission (In-band), Out-of-band transmission (RFC 2833), SIP INFO
- Full-duplex hands-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 300ms

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 configuration
- Contact configuration export/import
- CSTA remote control
- Network packet capture and diagnosis
- Custom/full restore factory settings
- System firmware upgrade

Network characteristics

- 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 server (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 10/100M adaptive Ethernet port
- DC power interface
- USB2.0 interface (Optional)

Product specification

- Phone main screen: 2.4-inch color LCD display
- Information indicator: LED red light
- Phone keyboard:
 - 4 SIP line keys (with dual-color 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*147mm
- Phone power consumption: 2~3W
- PoE: IEEE 802.3af/IEEE 802.3at
- Working environment humidity: 10~95%
- Working temperature:
 - 10~50° C (+14~122° F)

Carton package

- Packing list:
 - IP phone: SIP-T790N series
 - Standard Ethernet cable, handle curve
 - Base, handle and Quick start guide
 - Power adapter: input AC 100~240V, Output DC 5V / 1000mA
- Quantity / box: 10 units
- Gross weight/carton: 9.6 kg
- Color box size: 211 mm×195 mm×100 mm
- Carton size: 535 mm×410 mm×230 mm

Model	Network	PoE	Power adapter
SIP-T790PN	10/100M	√	Optional
SIP-T790PGN	10/100/1000M	√	Optional
SIP-T790PWN	10/100M&WiFi	√	Optional