New

- 2.4-inch colored LCD display screen
- 4 SIP lines， paperless electronic paper 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 ST790P series-Color innovation of enterprise communication

The VOPTech complete new generation ST790P color screen phone leads the enterprise market with its excellent performance 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-color 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, supporting enterprise-level network management platforms, and seamlessly integrating into various business environments.

ST790P 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 ST790 series IP phone to empower enterprise communication and release collaboration potential.

Phone Features

• 4 SIP line

• 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

• 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

• 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

• CSTA remote control

• Network packet capture and diagnosis

• 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 10/100M adaptive Ethernet port ST790P, ST790W
  2 x RJ-45 10/100/1000M adaptive Ethernet port ST790G
- DC power interface, USB2.0 interface
- USB Type C for DSS 32

Product Specifications

- Phone main screen: 2.4-inch color LCD display
- Information indicator: LED red light
- Phone keyboard:
- 4 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*147mm
- Phone power consumption：2~3W
- PoE: IEEE 802.3af/IEEE 802.3at (ST790P and ST790G)
- Working environment humidity: 10~95%
- Working temperature: -10~50°C (+14~122°F)

Carton Package

- Packing list：
- IP phone：ST790P series
- 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：211 mm×195 mm×100 mm
- Carton size：535 mm×410 mm×230 mm

Model	Network	PoE	DSS 32	Power adapter
ST790P	10/100M	√	√	Optional
ST790G	10/100/1000M	√	√	Optional
ST790W	10/100M&WiFi	√	√	√