Techroutes
NETWORK

DATASHEET

VOIP

Next Generation IP Phone

IPTone-294

Enterprise Giga IP Phone



Product Overview

The IPTone-294 is a premium business IP phone thoughtfully designed for executives, leaders, and professionals. Combining an elegant, sophisticated design with an exceptional user experience, it delivers both style and functionality for modern business environments. Featuring a large 4.3-inch IPS color display, the IPTone-294 provides an intuitive, vivid, and user-friendly interface for seamless operation..

Salient Features

- 10 SIP lines, one button page turning
- 4.3-inch color IPS LCD display
- Encrypted call（OpenVPN/TLS/SRTP）
- Noise reduction HD sound quality
- Dual gigabit ports integrated with POE function
- Can be equipped with USB recording/Wi-Fi

Phone Features

- 10 SIP lines
- USB call recording/Wireless WiFi access
- Caller ID , Programmable buttons
- Handle/hands-free/headphone mode
- Call hold, mute, blind transfer, inquiry transfer Hotline, speed dial Do not disturb, call forwarding, call waiting Multicast, intercom, text message, keypad lock, emergency call
- Redial, callback, auto answer
- Five-party conference
- IP direct call
- 10 types of built-in ringtones / upload custom ringtones
- Dialing rules ,Line sharing , Screen saver, power saving mode
- Action URL & Action URI

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

IP PBX Features

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

Techroutes
NETWORK

DATASHEET

VOIP

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
- ICE
- Support 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 date and time
  QoS: QoS: 802.1p/Q tagging (VLAN), Layer3/ToS/DSCP
- HTTPS certificate management
- Configuration file encryption •
- Support information verification
- RTCP-XR, VQ-RTCPXR
- OpenVPN, IEEE802.1X

Address Book

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

Deployment & Management

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

Audio

- High-fidelity sound quality: HD handle,
- HD hands-free
- Broadband codec: G.722, Opus
- Narrowband codec: G.711(A/ μ), G.723.1, G.729AB,
- G.726, iLBC
- 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

Product Features

- Phone main screen: 4.3-inch 480x272 pixel color IPS display
- Information indicator: LED red light
- Phone keyboard-10 SIP line keys (with dual-color LED lights,programmable)-
- 4 custom 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
- Installation method- Desktop- Wall-mounted
- Desktop size: 207mm*183mm*160mm
- Phone power consumption: 2~3W
- PoE: IEEE 802.3af/IEEE 802.3at
- Working environment humidity: 10~95%
- Working temperature ：0°C to 50°C

For More details:
*visit :*www.techroutes.com
Or contact
sales@techroutes.com
info@techroutes.com