
HD Voice SIP Telephone Circuit Board

Main Features for SIP Telephone PCB



(JR-IP-01)

- High-definition voice quality ★
- Full duplex speakerphone ★
- Adjustable volume
- 12/16 keys matrix keypad
- Hands free and/or handset
- IP address voice report
- LCD display optional
- Peer-to-Peer calling
- 12 group speed dial numbers in Max
- Support standard SIP 2.0 protocol
- Connection for external LED beacon
- 2 relays output for remote trigger ★
- TR069 management
- 12~24V DC power or PoE
- Extreme operating temperature
- CE, FCC, RoHS compatible
- Customized features and customer Logo for bulk orders ★

Equipped With Different Type Of Telephones



Weatherproof telephone
with external beacon
and horn speaker



Auto dial (hot-line)



Rugged phone with
volume control



Help point with
induction loop



Multiple buttons for speed dial



SOS call button with
Solar powered

Technical Specifications

Telephony Features

[Supplementary Features](#) Call Waiting, Call Hold, Call Forward, 3-Way Conference (local mix) and network conferencing, Hot Line, DND, Mute, Speed Dial, CWRR, Call Logs, Auto Answer via TALK event

[Signaling](#) Caller ID, DTMF Relay – RFC2833, DTMF via SIP INFO, Configurable Call Progress Tones

VoIP Applications

Unified Communications, IP Contact Centers, Open-source IP-PBX , Hosted IP-PBX and IP Centrex

Enhanced VoIP Processing Capabilities

Packet loss concealment, High quality wideband, Wideband acoustic echo canceler, Low-delay adaptive jitter buffers

Media Processing

[Wideband Voice Coders](#) G.722, G.722.2, OPUS

[Narrowband Voice Coders](#) G.711 μ /a, G.729A/B, G.723.1

[Additional Media Features](#) Acoustic echo cancelation (AEC)- multiple path, wideband acoustic EC, Packet Loss Concealment, Silence Suppression, Voice Activation Detection, Adaptive Jitter Buffer

Protocol Support

[VoIP and Signaling](#) SIP – RFC 3261, SDP – RFC 2327, SIP over TCP/UDP/TLS, DNS_SRV (Redundancy), Digest authentication, PRACK, Early Media, SIP Subscribe notify, BLF (busy lamp field)

[Data Protocols](#) IPv4, TCP, UDP, ICMP, ARP, RTP, SRTP, RTCP-XR, 802.1x, Static IP/DHCP IP Assignment, IEEE 802.1p/Q, QoS/ToS, HTTP/HTTPS/DHCP, NTP, FTP/TFTP, CDP/LLDP VLAN Configuration, LDAP

[Security](#) 802.1x, HTTPS, SIP over TLS and SRTP, Configuration file encryption

[Provisioning & Management](#) Web Server for Configuration and Management, Configuration update via FTP, TFTP, HTTP, HTTPS, DHCP Options (66,67,160,12,60,77)

General Specifications

[Language support](#) English/Chinese

[Connection type](#) XH Strip connector, Screw Terminal,

[Network Interface](#) 2 LAN RJ-45 10/100 Base-T for PC and LAN connectivity2

[Power Requirements](#) 12V ~ 24V DC, 2A Power adapter AC 100V-240V and/or Integrated Power over Ethernet-
IEEE 802.3af

[Storage/Operation](#) -40° to +70° C

J&R TECHNOLOGY LIMITED

6A, Building A1, XingYi Industrial Park , Fuyong Town, Bao'an District, Shenzhen, China.

Tel: 0086 755 27322952

Fax: 0086 755 27322197

Email: sales@jrtele.com

Web: www.jrtele.com