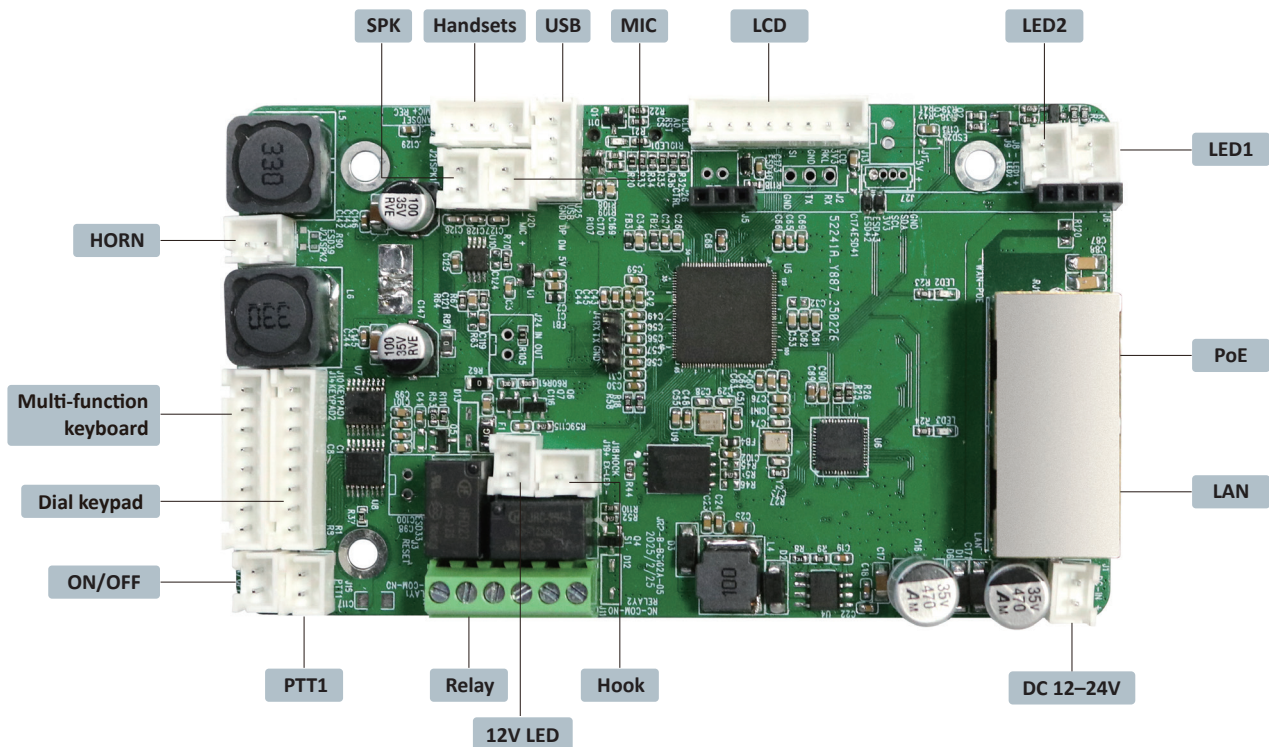


HD Voice SIP Telephone Circuit Board



FEATURES

VoIP SIP Telephone PCB Board surface glued protection: waterproof, dustproof, and oxidation-resistant.

Processed with special technology, the SIP PCB board operates reliably in industrial environments ranging from 70°C to -40°C.

We provide you with customized software, support WAN/LAN, full-duplex intercom, echo cancellation, and online upgrades.

- 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
- 10 group speed dial numbers in Max
- Support standard SIP 2.0 protocol
- Connection for external LED beacon
- 2 relays output for remote trigger
- TR069/SNMP management
- 12~24V DC power or PoE
- Extreme operating temperature
- CE, FCC, RoHS compatible
- Customized features and customer Logo for bulk orders

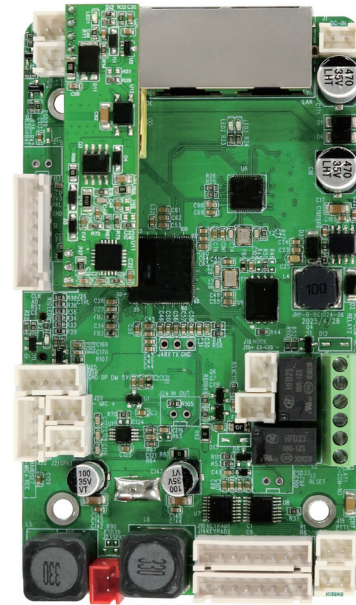
TECHNICAL SPECIFICATIONS

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
General Specifications	
Language support	English/Chinese
Connection type	XH Strip connector, Screw Terminal,
Network Interface	LAN RJ-45 10/100 Base-T
Power Requirements	12V ~ 24V DC, 2A Power adapter AC 100V-240V and/or Integrated Power over Ethernet- IEEE 802.3af
Storage/Operation Temperature	-40° to +70°C
Media Processing	
Wideband Voice Coders	G.722, G.722.2, OPUS
Narrowband Voice Coders	G.711μ/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)
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	

Optional POE



POE module

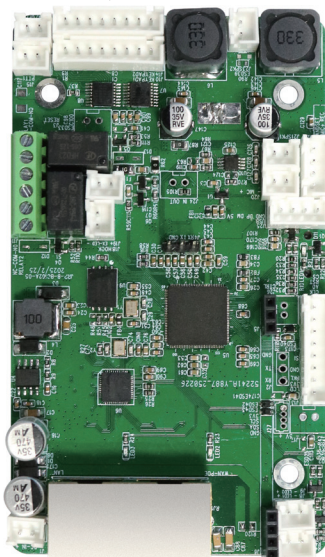


Dual Network Ports with PoE Module

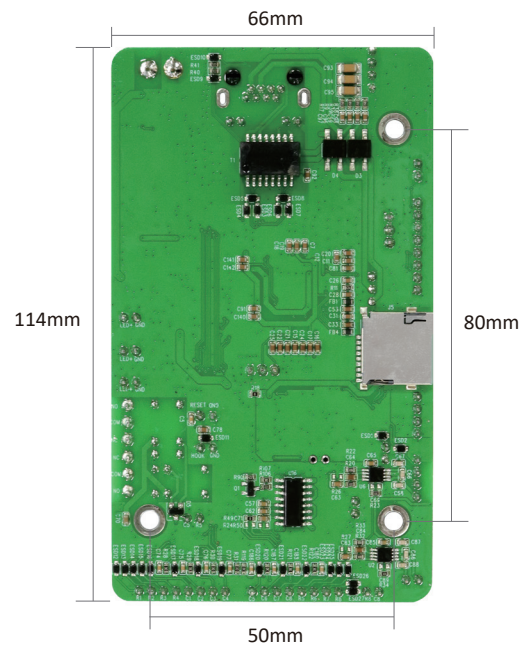
Speed Dial

87654321

- 1and5--Speed dial 1
- 2and5--Speed dial 2
- 3and5--Speed dial 3
- 1and6--Speed dial 4
- 2and6--Speed dial 5
- 3and6--Speed dial 6
- 1and7--Speed dial 7
- 2and7--Speed dial 8
- 3and7--Speed dial 9
- 2and8--Speed dial 10



Dimension



OPTIONAL ACCESSORIES

Hands-Free Mode



Speaker



MIC



Button



indicator

Handset Mode



Handset



Keypad



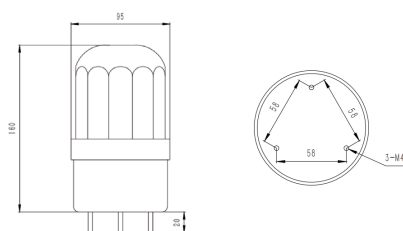
Hook



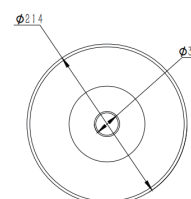
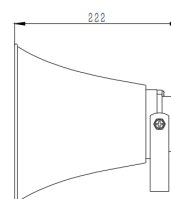
LCD

External LED Beacon and Speaker

JR-LP-02 LED Beacon Light



JR-HSA-10/20/25/30/35 Speaker



Protection Leve	IP65	Protection Leve	IP55
Standard Voltage	12V / 24V / 220V	Freq.Range	400-8KHZ(-20dB)
Other Voltage	Customizable to 380V	SPL(1W/M)	110±3B
Available Colors	Red / Yellow / Blue / Green	Input Power	35WMAX
Lighting Mode	LED Lamp Beads	Rated SPL	120±3dB
Installation Method	Bolt Mounting	Mounting	"U" Bracket with Screw
Sound Volume	100-105 dB	M & Finish	Aluminum/Gray Powder Painting
Power Consumption	3W	Freq.Range	8 Ohm
Dimension	160*95mm	Dimension	222*214mm

