

Tadiran CP920 HD

IP Conference Phone



The Tadiran CP920 High Definition IP conference phone is a perfect choice for small and medium-sized conference rooms as it combines ease of use with the most sophisticated of features. The CP920 provides many important audio features including optima HD technology, full-duplex technology and a sensitive touch keypad. In addition, the CP920 incorporates a built in 3 microphone array and Noise Proof Technology for a 6 meter, 360 degree voice pickup range which will ensure the best conference call quality available.

Features:

- Optima HD voice, full duplex technology
- 20-feet and 360 degree voice pickup
- Noise Proof Technology
- Sensitive Touch Keypad
- Connect to a mobile phone or PC for conference calls
- USB call recording support
- Built in WiFi and Bluetooth 4.0

Specifications:

Audio Features:

- Optima HD voice
- 20-feet (6-meter) microphone pickup
- Built in 3-microphone array, 360 degree voice pickup
- 56 mm diameter and 5w speaker
- Full-duplex speakerphone with AEC
- Echo cancellation tail length is up to 320ms
- Background noise suppression
- Codecs: G.722, G722.1C, G726, G729, G723, iLBC, Opus, PCMA, PCMU
- DTMF: In-band, Out-of-band(RFC 2833) and SIP INFO
- VAD, CNG,PLC, AJB, AGC

Phone Features:

- 1 VoIP account
- Call hold, mute, DND
- Call recording, hotline
- Redial, call waiting, emergency call
- Call forward, call transfer, call return, dial plan
- Ring tone selection/import/delete
- Pairing via Bluetooth
- Volume adjustment

Directory:

- Local phonebook up to 1000 entries
- XML/LDAP remote phonebook
- Intelligent search method
- Phonebook search/import/export
- Call history: dialed/received/missed/forwarded
- Black list

IP-PBX Features

- Intercom, multicast paging
- Anonymous call, anonymous call rejection
- Voice mail, distinctive ringtone, call pickup

Display:

- 3.1" 248x120 pixel graphical LCD with backlight
- 25 total keys
- Phone lock
- Multilingual user interface
- Caller ID with name and number
- LCD display

Interface:

- 1xRJ45 10/100M Ethernet port
- Power over Ethernet (IEEE 802.3af), class 3
- Built in WiFi (2.4 GHz, 802.11 b/g/n)
- Built in Bluetooth 4.0
- 1 x USB 2.0 port
- 1 x Security slot



Network and Security:

- SIP v1 (RFC2543), v2 (RFC3261)
- SIP server redundancy supported
- IPv4/IPv6
- NAT transverse: STUN mode
- Proxy mode and peer-to-peer SIP link mode
- IP assignment: static/DHCP
- HTTP/HTTPS web server
- Time and date synchronization using SNTP
- UDP/TCP/DNS-SRV(RFC 3263)
- QoS: 802.1p/Q tagging (VLAN), Layer 3 ToS, DSCP
- SRTP for voice encryption
- Transport Layer Security (TLS)
- HTTPS certificate manager
- AES encryption for configuration file
- Digest authentication using MD5/MD5-sess
- OpenVPN, IEEE802.1X

Management:

- Configuration: browser/phone/auto-provision
- Auto provision via FTP/TFTP/HTTP/HTTPS for mass deploy
- Auto-provision with PnP
- Zero-sp-touch, TR-069, SNMP
- Reset to factory, reboot
- Package tracing export, system log

Other physical features:

- External power adaptor: AC 100~240V input and DC 12V/1A Output
- Power consumption (PoE): 3.9w - 7.6w
- Dimension(W*D*H): 307.8mm*298mm*66.9mm
- Operating humidity: 10~90%
- Storage temperature: -10~40°C

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