

### Cost-effective business phone with HD voice

tiptel 3220 brings high-quality, cost-effective solution to front line staff handling moderate volume of calls through advanced telephony features. The intuitive user interface of the tiptel 3220 makes navigation easy and requires minimal training.

- HD Voice
- Up to 2 SIP Accounts
- 2.3" 132x64 Graphical LCD with Backlight
- Support 3-way Conference
- Support PoE
- Full Compatible with Asterisk, BroadSoft Platform



#### Phone Features

- 2 Lines (support 2 SIP accounts)
- Support call waiting, call forward, call transfer
- 3-Way Conference
- Call on hold, mute, auto-answer, redial
- Phonebook (500 groups), Blacklist (100 groups), call logs (100 entries)
- 5 Remote Phone Book URL supported
- LDAP
- DND (Do Not Disturb)
- Volume adjustable, ring tones selectable
- Call Pickup/Group Call Pickup
- BLF (Busy Lamp Field)
- Speed Dial
- Intercom
- Daylight Saving
- Network Packet Capture
- Country Ringtone Signal
- Direct IP call
- Auto Redial
- Hotline
- XML Browser
- Hot Desking
- Keypad Lock
- Action URL/URI
- HAC M3/T4 Compatible
- Multi-Languages: English, Dutch, German, France

#### IP-PBX Features

- HD Voice
- Dial Plan
- SMS/Voicemail/MWI message Notification
- Wideband Codec: G.722
- Narrowband Codec: PCMA, PCMU, G.729, G723\_53, G23\_63, G726\_16, G726\_24, G726\_32, G726\_40
- VAD, CNG, Echo Canceller
- Full-Duplex Speakerphone

#### Security Features

- Support HTTPS (SSL)
- Support SRTP for Voice Data Encryption
- Support Login for Administration
- SIP Over TLS

#### Network Features

- SIP V1(RFC2543), V2(RFC3261)
- Static IP/DHCP for IP configuration
- 3 DTMF modes: In-Band, RFC2833, SIP INFO
- HTTP/HTTPS Web Server for Management
- NTP for Auto Time Setting
- TFTP/FTP/HTTP/HTTPS client API
- 802.1Q VLAN

#### Administration Features

- Auto provisioning using FTP/TFTP/HTTP/HTTPS/PnP
- Dial through IP PBX Using Phone Number
- Dial through IP PBX Using URL Address
- Configuration Managements with web, keypad on the phone, and Auto Provisioning
- SNMP
- TR069

#### Physical Features

- Audiocodes Chipset
- 2.3" 132x64 Graphical LCD with Backlight
- 34 Keys (with 4 Soft Keys)
- 4 LED Lights (1 Power Light, 2 Account Lights and 1 Voice Mail Light)
- RJ9 Handset Jack and Headset Jack
- 2 RJ45 10/100M Ethernet Jacks
- AC Power Adapter: Input: AC 100-240V; Output: DC 5V/1.2A
- PoE: IEEE 802.3af

#### About Tiptel

Tiptel b.v. is founded in 1993 and the specialist in the field of communication equipment, especially based on IP. Tiptel b.v. is a distributor with value add and three keynotes are important in this: **Support:** Over 20 years of experience in the telecom market. All of the product engineers are trained and certified by the several brands Tiptel b.v. represent and distribute in the BeNeLux and France. **Stock:** Order today before 3pm, next day delivering. **Price:** Value for money and the possibility for project pricing.

**The assortment exist of:** • PBX (VoIP, ISDN and analogue), incl. input and output devices • Answering machines, Message Centers and Call Managers • Comfort phones (VoIP, ISDN and analogue) • Ergonomic phones (GSM and analogue (wired/wireless)) • USB phones • DECT systems (VoIP, ISDN and analogue) • UPS • Door phones entry systems • xDSL/ISDN test equipment • PLC adapters.

**The distribution exist of:** • Tiptel: PBX, answering machines, (IP)phones • Patton: IP gateways en VoIP routers • Spectralink: (IP)DECT en VoWLAN • Yeastar: MyPBX • Digium Asterisk: PCI express • 2N: Door phones entry systems • ARGUS: Test equipment • Polycom; Conference Phones • Plantronics Headphones • JABRA: Headphones • Panasonic: IP phones • Sagemcom: PLC adapters • Astergate; PBX • Konftel; Conference Phones.