

# 4G IoT Business IP Phone

## Wireless Connected “Things”



### Key Features

- 4G LTE Multi-Carrier Support
- 5-Way Conferencing
- 6 SIP Account
- Basic/Advance Call Features
- Multi-Language Support
- 13 Programmable Keys
- Multi-PBX Platform Support

TK920 is powered by built-in 4G modem providing primary high-speed internet connection which allows for SIP trunk registration with any cloud PBX provider.

tickIoT TK920SL is a 4G LTE + SIP desktop phone that delivers reliable performance and an enterprise-grade sound quality over 4G cellular network. The solution allows deploying a SIP phone without the need for a local broadband connection. It's ideal for business, shared/common area, retails setting, remote location, mobile clinics or for any location that needs simple and reliable voice connectivity.

### Use Case



**Health Care**



**Office**



**Retail**

<b>Basic Features</b>	132*58 graphic character dot matrix with full view of backlight LCD, 6 SIP accounts, Call Forward, Call Transfer, Call Waiting, Hotline, Call Hold, Auto Answer, Redial, Mute, DND, Local 5-Way Conferencing, Speed Dial, Voice Mail, Local Phonebook (up to 1000 ),Direct IP call without SIP proxy, Black list, Dialed/Received/Missed/Forwarded call (400 total),Call Center Headsets mode
<b>Shortcut Functions</b>	13 programmable keys, One key to arrive menu, One key to read the phone information, Intelligent search for phonebook, Dial assistant
<b>IP PBX Features</b>	Intercom, Paging, Call pickup, Call park, Anonymous call, Anonymous call rejection, Hold on music, Conference Call, Group pickup, DND&Call forward state synchronization, Call Recording
<b>Multi-Language</b>	English, German, Italian, French, Spanish, Portuguese, Russian, Chinese, Traditional Chinese, Polish, Turkish, Hebrew
<b>Advance Features</b>	LDAP, XML remote phonebook, Action URL, Active URI, CSTA, Multicast paging
<b>Audio Features</b>	10( own ring tone+custom ring tone) article, 8 volume adjustable + Mute mode, Narrowband codec: G.711(a/μ), G.729A/B/AB, G.726, iLBC, Wideband codec: G.722, L16, Support VAD, CNG, AEC, PLC, AJB, AGC, Full-duplex speakerphone with AEC
<b>Network Features</b>	IPv4&IPv6, VIAN, LLDP, CDP, OpenVPN, IEEE 802.1X, STUN NAT Traversal, RPORT. Support Qos(IEEE802.1Q/p VLAN tagging) and layer 3 QoS(ToS,DiffServ,MPLS). SIP connection mode: Proxy mode, Peer to Peer. Support DNS SRV (RFC3263). DTMF: In-band, RFC2833, SIP INFO. HTTP/HTTPS web server. LAN/PC: support bridge mode, Support auto negotiation, Package tracing via PC port. Package tracing export by web. Support DHCP Option12 host name and Option 60 Vendor Class ID. Support syslog
<b>4G LTE</b>	CAT4 Fully Certified Modem   B2/ B4/ B5/ B12/ B13/ 14/ B66/ B71   Max 150MB DL, 50MB UL Based on LTE Network Availability
<b>Security</b>	TLS, HTTPS, SRTP (RFC3711), Digest authentication using MD5/MD5-sess, AES encryption for configuration files, Phone lock, the administrator / user level access control
<b>Management</b>	Configurable through web interface/phone
<b>Auto Provision</b>	Service (RPS), TR069, Import/Export CFG file viaweb, Generate multiple configuration files via tool, FTP/TFTP/HTTP/HTTPS, DHCP Option 66 or custom Option 128~254, PnP, Redirection Provisioning Periodic check and update
<b>Physical</b>	Power Interface: DC 5V-1A, PoE power supply: IEEE 802.3af Class 2 (A21/A26 only) 2x RJ45 10/100M or 100/1000M adaptive Ethernet ports, 1x RJ9 headphone jack, 1x RJ9 handset jack
<b>Key Features</b>	1 status indicator, 2-line keys, 3 soft keys, 5 navigation keys, 2 volume keys, 7 function keys (menu, cancel, hold, voicemail, mute, headphone, hands-free), wall mountable
<b>Environmental</b>	Operating temperature: -10 ~ 50°C, Operating humidity: 10 ~ 90%
<b>PBX Compatibility</b>	Broadsoft, Asterisk, Elastix, Trixbox, Freeswitch, Avaya, Mitel,Unify Epygi and more

All specifications are subject to change without notice.