TK920+

tickIoT

4G IoT Business IP Phone

Wireless Connected "Things"

Key Features

- 4G LTE Multi-Carrier Support
- 4.3' Color LCD 480x272 resolution
- 32 SIP Account
- Basic/Advance Call Features
- Multi-Language Support
- Supports LCD expansion module
- 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 TK920+ 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

Data Sheet | TK920+

Basic Features	4.3" TFT LCD, 480*272 Pixel, 32 SIP accounts. Call Forward, Call Transfer, Call Waiting, Hotline, Call Hold, Auto Answer, Redial, Mute, DND, Local 9-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, support color extended AET, EHS headset(Jabra, Sennheiser, Plantronics)
Shortcut Functions	38 programmable keys, one key to arrive menu, one key to read the phone information, BLF quick set, Intelligent search for phonebook, dial assistant
IP PBX Features	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
Multi-Language	English, German, Italian, French, Spanish, Portuguese, Russian, Chinese, Traditional Chinese, Polish, Turkish, Hebrew
Advance Features	LDAP, XML remote phonebook, Action URL, Active URI, CSTA, Multicast paging
Audio Features	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
Network Features	IPv4&IPv6, VlAN, 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
4G LTE	CAT4 Fully Certified Modem	B2/ B4/ B5/ B12/ B13/ 14/ B66/ B71	Max 150MB DL, 50MB UL Based on LTE Network Availability
Security	TLS, HTTPS, SRTP (RFC3711), Digest authentication using MD5/MD5-sess, AES encryption for configuration files, Phone lock, the administrator / user level access control
Management	Configurable through web interface/phone
Auto Provision	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
Physical	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
Key Features	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
Environmental	Operating temperature: -10 ~ 50°C, Operating humidity: 10 ~ 90%
PBX Compatibility	Broadsoft, Asterisk, Elastix, Trixbox, Freeswitch, Avaya, Mitel,Unify Epygi and more

All specifications are subject to change without notice.

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