T450

PoC Two-Way Radio

○ Compact design with High Fidelity Audio
○ Support six-mode 4G Networks
○ Anti-skid Upper Edges
○ Group Selection via Knob
○ Smart Patrol

The T450 PoC two-way radio provides PTT, dispatch and high-precision positioning services. It supports 2G/3G/4G and Wi-Fi networks to achieve more stable network connections, meeting ultra-long-distance communication requirements. It also achieves smart patrol together with Kirisun PoC dispatcher. With excellent sound quality and loud voice, it delivers good user experience even in noisy environment.

T450 Highlight display

PTT key

Programmable key

Programmable key

Net weight: 200g

Channel knob

LED Indicator

Speaker

Microphone

0.96 inch scree

OK key

Playback key

Direction key

Earphone jack

Power/volume knob

USB port

Back key

Display key

Lanyard hole

Back clip screw hole

Battery

Battery cover latch

The T450 is ideal for such industries as urban management, logistics, railway, real estate, security.

Enjoyable Smooth Communication Boundless PTT Service under Six-mode 4G Networks

Operate under 2G/3G/4G and Wi-Fi networks to achieve communication across a wide area.

Various call types such as individual call, group call, all call and broadcast call.

Two programmable side keys to cater to different user preferences.

High-Capacity Battery
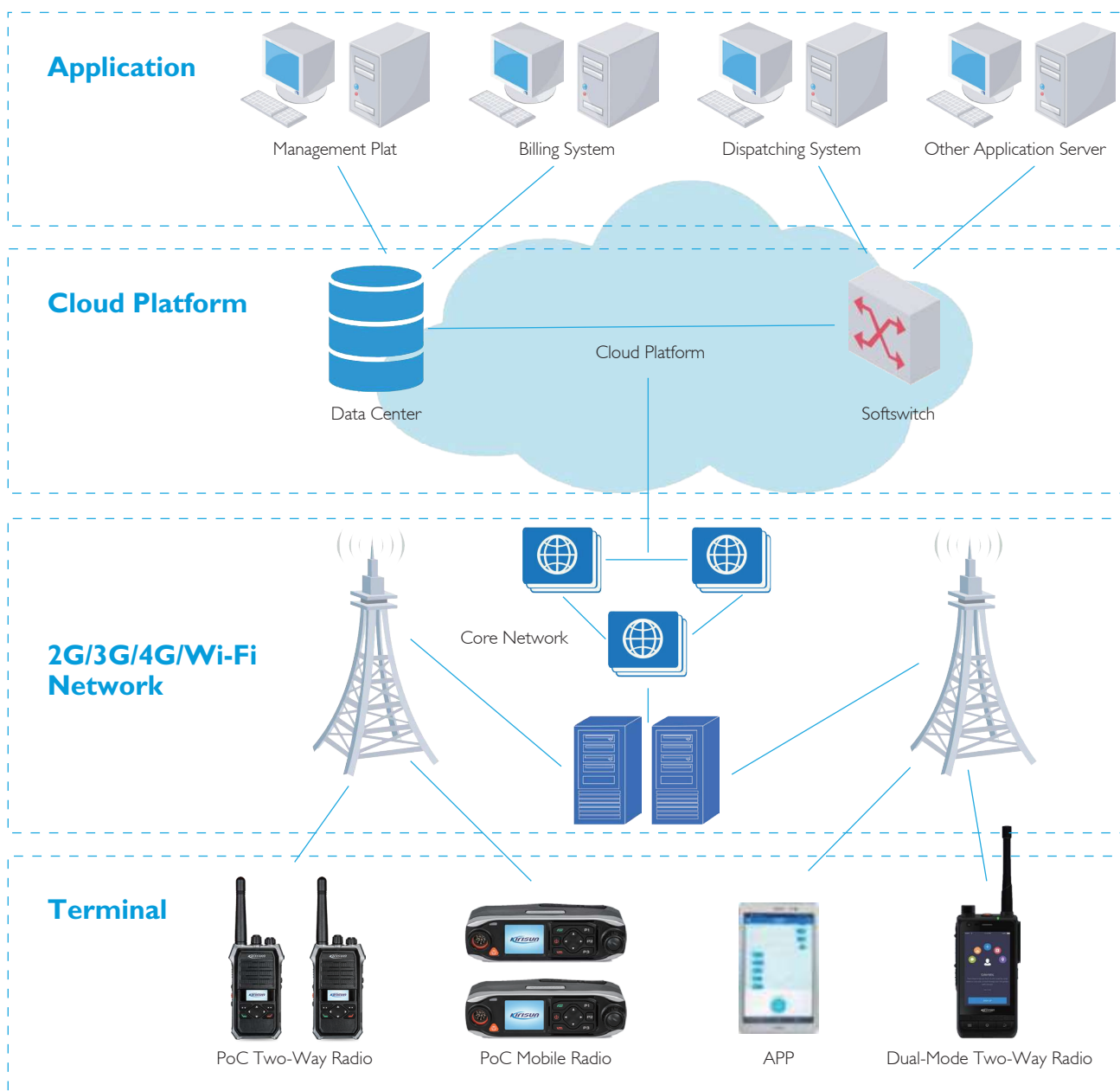
3400mAh high-voltage battery for long runtime.

Smart Patrol

Built-in Bluetooth, GPS and NFC modules bring more possibilities of extended applications, e.g. working with Kirisun patrol system to achieve public network based smart patrol, and high-precision GPS/A-GPS positioning.

Delicate and Anti-Skid

Light weight of 200g only.

Ergonomic anti-skid upper edges for comfortable grip.

Kirisun uniPTT PoC Solution

Achieve PTT and dispatch services through one-stop PoC solution including PoC two-way radios, apps, PoC dispatcher and PoC management platform.

Application

Management Plat   Billing System   Dispatching System   Other Application Server

Cloud Platform

Data Center   Cloud Platform   Softswitch

2G/3G/4G/Wi-Fi Network

Core Network

Terminal

PoC Two-Way Radio   PoC Mobile Radio   APP   Dual-Mode Two-Way Radio

Functions

Voice Dispatch：
Individual call, group call, all call, emergency call, call priority and voice recording.

Group-based Functions：
Temporary group, quick group, group monitoring and group switching.

Map-based Dispatch：
Positioning monitoring, track playback, geo-fencing, area selection and alarm indication.

Patrol：
Statistics report, patrol checkpoint (Bluetooth/GPS/NFC), patrol route and patrol plan.

Security：
Stun, Kill, Revive, Lone Worker, emergency alarm, log, authentication and encryption.

Others：
Short message and record, network connection state, terminal monitoring, remaining battery capacity, RSSI and network type.

Specification

General specifications

Network	Asia & Europe: TDD-LTE: Band 38/40/41 FDD-LTE: Band 1/3/5/7/8/20 WCDMA: Band 1/2/5/8 GSM/GPRS: Band 2/3/5/8 America: FDD-LTE: Band 1/2/4/5/7/12/13/17/28a/28b WCDMA: Band 1/2/4/5 GSM/GPRS: Band 2/5
RAM+ROM	512MB+4GB
Operating System	Android 7.0
Battery	3.8V 3400mAh
Wi-Fi	2.4/5GHz
Bluetooth	4.0 BLE
Positioning	GPS/AGPS
NFC	Supported
Dimension	113mm×60mm×29mm
Weight	≤200g
Display	0.96" color display
Operating Temperature	-20℃ + 50℃
Storage Temperature	-40℃ + 75℃
Protection Levels	IP54

System Solutions

Converged voice communication system：

PTT service with private two-way radios (e.g. DMR, PDT, analog, conventional and trunking radios) via audio gateway.

Wi-Fi RoIP system：

PTT and dispatch services over Wi-Fi network.

Converged Dispatching System：

Converged audio-video communication of BWCs, PoC two-way radios, private two-way radios.

Patrol System：

Bluetooth/GPS/NFC patrol through the uniPTT PoC system and the patrol module of the converged dispatching system.

Accessories

Battery	Data Cable	Back Clip	Lanyard	Power Adapter(US)	Power Adapter(UK)	Charger Option	Bluetooth Earphone Option

Application

Government	Real Estate	Medical Treatment	Logistics
Railway	Transport	Port	Security