



Caltta[®]





e360 eChat PoC Radio

Cost-effective PoC Radio With Rich Features

 Compact Size, Easy to carry

 Long battery life

 Front 36mm professional speaker

 Bluetooth and Wi-Fi Capable



e360 KEY FEATURES

e360 is a compact and cost-effective eChat PoC portable radio. It is featured with small size, light weight, excellent signal, large color LCD, long battery life, clear and loud voice and easy to use. It is suitable for both commercial and industrial users who prefer to make communication over 3G/4G/Wi-Fi networks.



Worldwide Coverage

National even international communication via carrier networks, supporting both 4G LTE and 3G WCDMA.



2.4" LCD With Increased Durability

Color LCD is designed to be visible even under strong light. User-friendly GUI makes it easy to use.



Bluetooth and Wi-Fi Capable

Built-in Wi-Fi is a good supplementary when carrier network signal is weak or not available. Bluetooth provides another method to connect to optional accessories such as, earpiece.



Long Battery Life (5100mAh)

5100 mAh powerful Li-Ion battery can stand for more than 18 hours in the PoC mode of 5:5:90.



Deeply Customized Android

Based on customized Android system, pre-installed with eChat APP, easy to expand applications.



GPS/Glonass Positioning

Positioning module enables real-time tracking and location from eChat dispatch console and other applications.



Reliable and Solid Quality

Compliant with IP54 and MIL-STD-810G, can be used in tough and harsh environments as a reliable communication tool.



Rich Services

Support half-duplex group call, half-duplex private call, full-duplex voice call, emergency call, short message, location services, etc.



Over-the-Air Management

Radio version can be upgraded and managed over-the-air, bringing convenience for customers.



Unified Dispatch

eChat dispatcher can make unified command and dispatch to radios, including voice, SMS, location services.



Caltta's eChat PoC communication solution consists of eChat server, dispatching console, management console and eChat radios. The e360 and other eChat PoC radios can make group or private calls to each other.

Based on e360 real-time location information, dispatcher can perform circle selection to create a dynamic group, and efficiently dispatch other radios adjacent to the e360 during emergency.

The Geofence function can ensure that the e360 always work in the designated area as required. The lone worker function can guarantee the personal safety of the e360 when working alone in a dangerous environment.

Application Scenarios

e360 is designed for daily workers who need reliable group communication and it can be used in almost all industries:

- Security company
- Taxi company
- Property management
- Port and airport
- Rail transit
- Manufacture factory
- Logistics company
- Water & Electricity inspection
- Construction and building
- Landscaping management
- Scenic area management
- Travel and tourism
- City management
- Utilities
- Hotel and Catering
- Takeaway delivery
- Chains and malls
- Medical care and first aid



Specifications

General	
Technology	LTE/WCDMA
Frequency	LTE: B1/B3/B4/B5/B7/B8/B20/B28
	WCDMA: B1/B4/B5/B8
Size (HxWxD)	115.5 × 54.5 × 34.5mm
Weight	About 250g (With Antenna and Battery)
Display	2.4inch color LCD , 240 ×320
Key	PTT, Fn×2, Power, SOS, Knob
Battery	5100mAh
Interface	Type-C (Data/Audio/Charging)
OS	Deeply Customized Android
Chipset	Quad A7 Processor
Memory(RAM+ROM)	512M + 4GB
WLAN	802.11b/g/n, 2.4GHz
Bluetooth	BT2.1/4.0
Location	GPS / Glonass
Speaker	Front: 36mm Speaker
Card Slot	Nano SIM×1
Charging	Desktop Charger / USB Type-C (Optional)
Environmental	
Operating Temperature	-20 °C ~ +55 °C
Storage Temperature	-30 °C ~ +70 °C
ESD	IEC 61000-4-2 (level 3) ±4kV (Contact) ±8kV(Air)
Dust and Water Resistance	IP54
Reliability	MIL-STD-810 G

Standard Accessories



Antenna



Belt Clip



Desktop Charger



USB Cable



5100mAh Li-ion Battery



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General Disclaimer:
 The specifications in this document are in accordance with the applicable standard test. Due to the continuous technology development, Caltta may change the specifications without notice.

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