



Rugged handheld controller

The CS3i combines industrial-grade design with Android 12, delivering robust performance for demanding environments. Its ultra-thin IP68-rated construction ensures complete resistance to dust, water, and shocks, while 4G full-netcom support guarantees reliable connectivity in remote areas. Equipped with high-definition speakers for loud, clear audio, it operates seamlessly even under extreme temperatures. Compatible with major telecom networks and mapping software, this durable smart terminal is built to excel in harsh conditions.

Durable & Ergonomic Design

IP68 Certified: Ultra-thin, dustproof, waterproof, and shock-resistant for extreme environments.

5.5-inch Touchscreen: Supports 5-point multi-touch for intuitive operation.

Dedicated Physical Keypad: Numeric + alphabetic independent keys for fast, precise input.

High-Performance Hardware

64GB ROM + 4GB RAM: Ample storage for apps and data, ensuring smooth multitasking.

13MP Autofocus Camera: Captures high-resolution images/videos with quick focus.

Type-C Fast Charging: Supports 2A rapid charging for efficiency.

Uninterrupted Connectivity

4G Sim: Works with major carriers for reliable network coverage.

Android 12 OS: Compatible with mainstream mapping/navigation apps.



CS3i

Long-Lasting Power

9,000mAh High-Capacity Battery: High-voltage polymer lithium battery for extended field use.

Wide-Temperature Operation: Functions flawlessly in extreme heat or cold.

Enhanced Usability

Loud HD Speaker: Clear audio output even in noisy environments.

Industrial-Grade Durability: Built to withstand drops, vibrations, and harsh conditions.

SYSTEM

OS	Android 12
CPU	8-core 2.0GHz processor
Memory	4GB RAM+64GB ROM
External storage	Micro SD, up to 512GB

Environment

Display	5.5inch Resolution:1080*1920p
Touch Panel	5-point capacitive touch
Button	QWERTY full keypad
Camera	Rear 13MP, Support Flash light
Sensors	Ambient Light Sensor and Accelerometer
Notification	Audio, Vibration, and LED Indicators
Interface	"Option1:1*Nano Sim+1*Micro SD Option2:2*Nano Sim"

PHYSICAL PARAMETERS

Dimension	221mm x 78mm x 16.5mm
Weight	410g

*Note

2.4 GHz Band:

P(e.i.r.p) max: 20 dBm
Nominal channel band width: 20 MHz 40 MHz, Wi-Fi Standard:
802.11b/g/n Operating Frequency Range: 2400 MHz – 2483.5 MHz
Number of channels: 13 channels (1 to 13)

ELECTRICAL

Built-in battery	9000mAh(Support Rapid Charging) Working time:24h Charging time:≤4hours
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DATA COMMUNICATION

GNSS	GPS+BDS+GNSS+GLONASS+AGPS
WIFI	2.4G*/5G*, 802.11 a/b/g/n/ac
Network	·FDD-LTE B1/B2/B3/B4/B5/B7/B8 /B12/B17/B20/B28 ·TDD-LTE B34/B38/B39/B40/B41 ·WCDMA B1/B2/B5/B8 ·TD-SCDMA:B34/39
Bluetooth	BT5.0(BLE)
NFC	Available

ENVIRONMENTAL

Temperature	Work Temperature:-20°C~+65°C Storage Temperature:-40°C~+80°C
Humidity	5%~95%
Protection	IP68
Shock	Withstand 1.5M pole drop
ESD	Air discharge:±15k VContact discharge:±8kV

5 GHz Band:

P(e.i.r.p) max: 20 dBm
Nominal channel band width: 20 MHz
Wi-Fi Standard: 802.11a/n/ac
Operating Frequency Range: 5150 MHz - 5350 MHz, 5470
MHz - 5850 MHz
Number of channels: 24 channels (36, 40, 44, 48, 52, 56,
60, 64, 100, 104, 108, 112, 116, 120, 124, 128, 132, 136, 140,
149, 153, 157, 161, 165)



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