PHEREFIX

C100

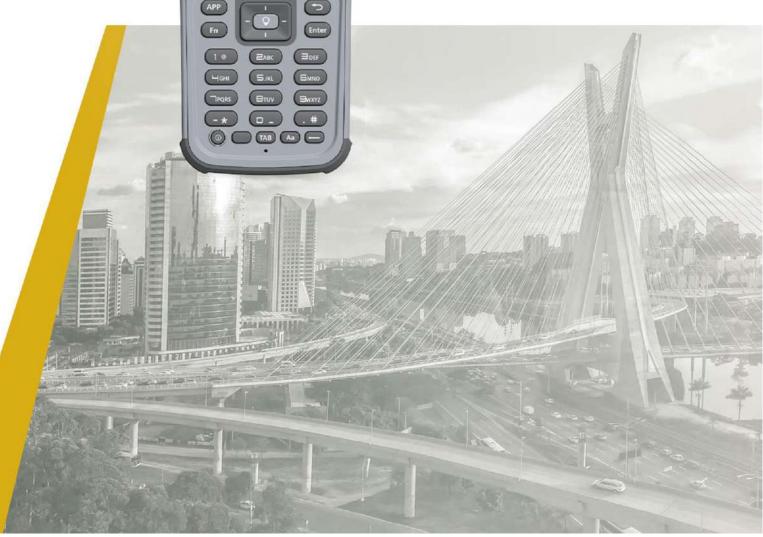## GIS SYSTEM

C100 Data Controller

The C100 control terminal is a tailor-made RTK controller designed for the surveying industry. It boasts an impressive 15+ hours of battery life, a 5.5-inch sunlight-readable display, and IP67-level protection, making it capable of handling various challenging conditions. With its powerful 8-core processor and Android 11 operating system, it ensures smooth and efficient operation, allowing you to run a variety of measurement software applications seamlessly. It's your ideal companion for surveying and mapping tasks.

LENGTH	WIDTH	HEIGHT	WEIGHT
221mm	77.7mm	16mm	370g

SUNLIGHT-READABLE SCREEN

With 5.5 inch high-solution sun-proof screen, you can see clearly under the sun.

ULTRA-LONG ENDURANCE

C100 controller is equipped with a long-life batterey which ensures you a 15h of operation without stopping.

DUAL NETWORK DUAL STANDBY

With 4G all netcom communications and dual Sim card option, you can work all day and still remain contactable anytime, anywhere.

HIGH-PERFORMANCE CPU

Eight-core high performance processor enable you to deal with all complicated processing.

ITEM		SPECIFICATION
SYSTEM	Operating system	Android 11
	CPU	8-core 2.0GHz processor
	Memory	3GB RAM + 32GB ROM
	External storage	Micro SD, up to 256GB
PHYSICAL PARAMETERS	Display	Screen size: 5.5-inch Resolution: 720*1440px
	Touch Panel	5-point capacitive touch
	Camera	Rear 13MP, Support Flash light, Support Auto focus
	Sensors	Magnetometer, Accelerometer and Ambient Light Sensor
	Notification	Audio, Vibration and LED Indicators
	Audio	Speaker with a volume of 95dB±3, equipped with 1 microphone
	Interface	Type-C(supports OTG) SIM: Equipped with ESIM (SIM1) and one Nano SIM card slot (SIM2) as standard
DATA COMMUNICATION	Bluetooth	BT5.0(BLE)
	WIFI	IEEE: 802.11 a/b/g/n/ac Dual-baud: 2.4G/5G
	Network	FDD-LTE B1/B3/B5/B7/B8 TDD-LTE B38/B39/B40/B41 WCDMA B1/B2/B5/B8 GSM B2/B3/B5/B8 CDMA/ EVDO BC0/BC1
	GNSS	GPS/GLONASS/BDS
	NFC	Supported NFC Protocols: ISO14443A/B, ISO15693 Data Reading Distance: 0~5cm
ELECTRICAL	Battery (non-removable)	7700mAh (Support Rapid Charging) Working time: 15 hours Charging time: ≤4 hours
PHYSICAL	Dimension(mm)	221*77.7*16
	Weight(g)	370
ENVIRONMENT	Working Temperature	20℃~55℃
	Storage Temperature	-30℃~70℃
	Work Humidity	5%~95%
	Shock	1.5M drop onto concrete
	Protection	IP68
	ESD	Air discharge: ±15kV Contact discharge: ±8kV

▶ Manufacturers may update parameters at any time, please refer to the latest product information.

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