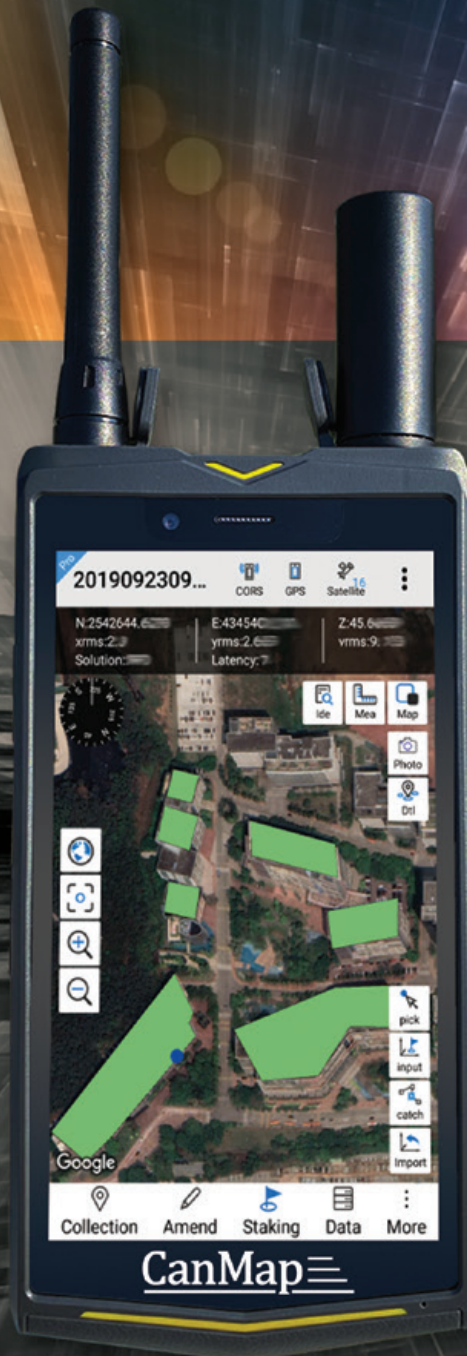


# Qmini A10





# Qmini A10(CM)

## High-Precision GIS Handheld Collector

The Qmini A10 (PRO) GIS handheld with a 184-channel positioning chip supports multiple constellations including; GPS, GLONASS, BDS, and Galileo. Built in is a dual-mode

intercom, 4G smart-phone, and a background multi-network interconnection. The

Qmini A10 integrates both UHF and DMR intercom.

The Qmini A10 showcases a rugged design, FHD screen, superior performance and a long battery life. It is a compact, Android based, IP67 rated handheld, ready to acquire rich field data weather your managing assets, development planning, engineering, mapping or surveying.

Whether you're collecting data in the field or making maps in the office, the Qmini A10 is designed to help every step of the way.



## KEY FEATURES



**Stable positioning accuracy of up to 2 cm**

Removable spiral GNSS antenna



**Qmini A10 (Pro) UHF digital intercom + DMR analog intercom**

The intercom distance can extend to 5 km  
Supports a radio-relay feature



**Superior performance**

Android 8.1  
8 core 2.0 GHz high-speed processor 6 GB RAM + 64 GB ROM



**Military quality**

IP67 tested  
5500 mAh battery with 10-12 hours of battery life



**FHD screen**

5.5-inch outdoor FHD screen Resolution is 1920 \* 1080  
Corning Gorilla Glass 3 screen



**Integration and expansion**

Bar code / QR code scanning module

## DATA COLLECTION SOFTWARE

### Hi-Q

- Customizable functions
- Online Google Maps
- Multiple collection modes

### Hi-Q Pro

- Coordinate system parameters calculation
- Supports additional import and export formats
- AR stake out



## INDUSTRIAL APPLICATION



Land and water resource inspection



Asset management



Construction



Pipeline



Forestry



Agriculture



## TECHNICAL SPECIFICATIONS

### Qmini A10 (PRO)

<b>GNSS Feature</b>	<b>Positioning Technology</b>	Channel: 184 GPS: L1, L2 GLONASS: L1OF, L2OF BEIDOU: B1, B2 GALILEO: E1, E5 QZSS L1C/A L2 SBAS
	<b>Initialization</b>	30s (Typical)
	<b>Autonomous</b>	3 m
	<b>SBAS</b>	1 m
	<b>RTK</b>	5 cm+1 ppm (with spiral antenna) 2 cm + 1 ppm (with AT-35101H)
	<b>Update Rate</b>	1-10 Hz
<b>System Configuration</b>	<b>Operating System</b>	Android 8.1 GMS certified
	<b>Processor</b>	2.0 GHz, 8 core high-speed processor
	<b>Storage</b>	RAM 3 / 4 / 6 GB, ROM 32 / 64 / 128 GB, T-Flash card 128 GB
	<b>Display</b>	5.5 inches outdoor FHD screen, Corning Gorilla Glass 3
	<b>Resolution</b>	1920 × 1080, 500 cd / m <sup>2</sup>
	<b>Touch Screen</b>	5-point touch, supports capacitor glove operation
	<b>Camera</b>	8 M pixel front camera, 13 M pixel rear camera, autofocus, highlight LED flash
	<b>Sensor</b>	G-Sensor, Gyroscope, Compass, Barometer, Ambient Light Sensor, Proximity Sensor
<b>Data Communication</b>	<b>Network Type</b>	GSM: 850 / 900 / 1800 / 1900 EVDO: BC0 WCDMA: B1 / B2 / B5 / B8 TDD-LTE: Band34 / Band38 / Band39 / Band40 / Band41 FDD-LTE: Band1 / Band3 / Band4 / Band5 / Band7 / Band8 / Band12 / Band20
	<b>WIFI</b>	IEEE 802.11a / b / g / n, AP, Wapi
	<b>Bluetooth</b>	Bluetooth 4.1, BLE
	<b>USB</b>	USB 2.0, Type-C, support OTG
<b>Battery Feature</b>	<b>Capacity</b>	3.7 V, 5500 mAh
	<b>Fast-Charge</b>	3 hours
	<b>Operation Time</b>	9-10 hours
<b>Modules</b>	<b>Intercom (400-470 MHz, 2 W)</b>	UHF analog intercom + DMR digital intercom
	<b>Encryption chip</b>	Support
<b>Physical</b>	<b>Proof</b>	IP67
	<b>Size</b>	165 * 85 * 18 mm
	<b>Working temperature</b>	-30 ~ +70° C
	<b>Storage temperature</b>	-40 ~ +80° C
	<b>Weight</b>	358 g
	<b>Explosion-proof certification</b>	Exib IIB T4 GB

Descriptions and Specifications are subject to change without notice