

iHand55

Professional Field Controller



KEY FEATURES



5.5" sunlight readable display capacitive touch screen for fingers or stylus.



QWERTY full keyboard designed, convenient for different measurement application scenarios.



Equip laser rangefinder(optional) can greatly improve the efficiency of your measurement work.



Android 11 operating system equipped to maintain the productivity of numerous survey projects and data.

TECHNICAL SPECIFICATIONS

Hardware Configuration	OS	Android 11
	Processor	CPU: 8 core; 2.0 GHZ
	Storage	3GB RAM+32GB ROM(Normal version), 4GB RAM+64GB ROM(Laser version); T-Flash memory card, up to 128GB
	Display	720*1440, 5.5", 500 nit, bright Outdoor Color capacitive multi-touch screen (with touch pen, can be operated with gloves)
	Input Configuration	Qwerty full keyboard, number / letter separate, professional custom smart input method
GNSS Features	GNSS	GNSS antenna, GPS, GLONASS, BDS, AGPS
Communication Interface	Network modem	FDD-LTE: B1/B3/B5/B7/B8/B20/B28/B2/B4/B12/B17
		TDD-LTE: B38/B39/B40/B41/B34
		TDSCDMA: B34/B39
		WCDMA: B1/B2/B5/B8/B4
		GSM: B2/B3/B5/B8
		CDMA1x/CDMA2000: BC0
	Cellular mobile	4G, Dual Nano-SIM
	WiFi	IEEE 802.11 a/b/g/n/ac, Wapi, AP (2.4G / 5G). P(e.i.r.p) max: 20 dBm(2.4/5GHz)
	Bluetooth	BT5.1, BLE, NFC
	USB	USB Type-C interface, OTG, supports fast charging (5V,3A)
Power Supply	Battery	9200 mAh internal
	Duration	≥15 hours
	Charging time	4 h (typical)
Application	Camera	Built-in 13 million pixel camera, with laser to replace front camera
	Flash	Highlight Flash LED flash (support flashlight function)
	Sensor	Gravity sensor, compass, light sensor, gyroscope
Physical Features	Weight	406g (within battery)
	Size	221 mm*78 mm*16.5 mm
	Operating temperature	-10 °C ~ +55 °C
	Storage temperature	-10 °C ~ +55 °C
	Free fall	1.8 m
	Laser ¹	0.6-20m Accuracy: 10mm 20-40m Accuracy: 30mm
	Shock and vibration	MIL-STD-810H

Descriptions and Specifications are subject to change without notice

1.Suitable for indoor scenes, not suitable for high-precision ranging in strong light environments



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