

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
	Cellular mobile	CDMA1x/CDMA2000: BC0
	WiFi	4G, Dual Nano-SIM
Power Supply	Bluetooth	IEEE 802.11 a/b/g/n/ac, Wapi, AP (2.4G / 5G)
	USB	BT5.1, BLE, NFC
	Battery	USB Type-C interface, OTG, supports fast charging (5V,3A)
	Duration	9200 mAh internal
Application	Flash	≥15 hours
	Sensor	4 h (typical)
	Camera	Built-in 13 million pixel camera, with laser to replace front camera
Physical Features	Flash	Highlight Flash LED flash (support flashlight function)
	Weight	Gravity sensor, compass, light sensor, gyroscope
	Size	406g (within battery)
	Operating temperature	221 mm*78 mm*16.5 mm
	Storage temperature	-30 C ~ +60 C
	Free fall	-40 C ~ +80 C
	Laser ¹	1.8 m
	Shock and vibration	0.6-20m Accuracy: 10mm 20-40m Accuracy: 30mm 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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