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GEOSOLUTIONS

SHC55
Handheld Controller

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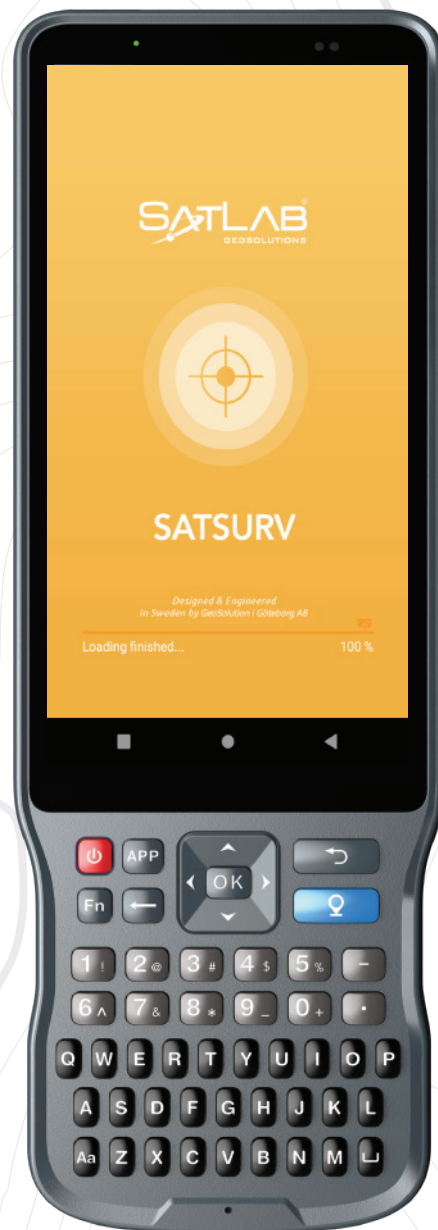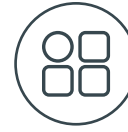
SHC55 Handheld Controller

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

Data Specifications

GNSS

Signal Tracking	GNSS antenna GPS GLONASS BDS AGPS
No. of Channels	20

COMMUNICATION INTERFACE

Cellular mobile	4 G, Dual Nano-SIM
WiFi	IEEE 802.11 b/g/n, Wapi, AP
Bluetooth	BT5.1, BLE, NFC
USB	USB, TypeC interface, OTG

SYSTEM

Operating System	Android 11 (Android 14 optional)
Processor	CPU: 8 core; 2.0 GHZ
Storage	3 GB RAM+32 GB ROM(Normal version); 4 GB RAM+ 64 GB ROM (Laser version) ; T-Flash memory card, up to 128 GB
Display	5.5", 720*1440, bright Outdoor Color capacitive touch screen (with touch pen, can be operated with gloves)
Input Configuration	QWERTY full keyboard, number / letter separate, professional custom smart input method

GENERAL

Application	Camera: Built-in 13 million pixel camera Flash: Highlight Flash LED flash(support flashlight function) Sensor: gravity sensor(accelerometer), compass, light sensor, gyroscope
Environmental	MIL-STD-810H IP68 environmental protection Drop resistant 1.8 m Temperature -20°C to 60°C Operating -30°C to 70°C Storage
Physical Properties	Size: 221 mm x 78 mm x 16.5 mm Weight: 406 g within battery Battery: 9200 mAh internal Operation Time: ≥15 h
Laser[1]	0.6-20m Accuracy: 10mm 20-40m Accuracy: 30mm

*Description 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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