

SHC55

Handheld Controller



CE



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
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No. of Channels	20
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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
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, 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

Laser¹

0.6-20m Accuracy: 10mm
20-40m Accuracy: 30mm



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*Description and Specifications are subject to change without notice.
[1]Suitable for indoor scenes, not suitable for high-precision ranging in strong light environments