

SHC55

Handheld Controller



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



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



Quick charge with internal lithium battery to improve efficiency under long time job.



Android 14.0 operating system equipped to maintain the productivity of numerous survey projects and data.

Data Specifications

GNSS

Signal Tracking

GNSS antenna
GPS
GLONASS
BDS
AGPS

COMMUNICATION INTERFACE

Cellular mobile
WiFi
Bluetooth
USB

4G, Dual Nano-SIM
IEEE 802.11 b/g/n, Wapi, AP
BT5.0, BLE, NFC
USB, TypeC interface, OTG

SYSTEM

Operating System
Processor
Storage

Android 14
CPU: 8 core; 2.0 GHZ
3 GB RAM+32 GB ROM; 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 with auto focus
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
Audio: Integrated speaker, microphone



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