

# SOKKIA

MADE TO FIT YOUR WORLD.

# SHC700

Field Computer





### Your daily field computer

Bring office-level processing speed directly to your project site. Stay connected, productive, and in control with the SHC700 field computer.

Like all of our solutions, you can customize it to meet your needs and create your own workflows.

- Sunlight-readable 6.3-inch display
- Qualcomm® 4490 octa-core up to 2.4 GHz Processor
- MIL-STD 810H and IP68 certified
- Android™ 14 operating system - upgradeable
- 48 MP rear camera, 16 MP front camera
- Integrated 5G LTE cellular module
- Optional extended battery

### A brilliant, clear screen

The broad 6.3-inch screen is specifically designed for viewing and working in direct sunlight. It provides a clear, easy-to-read display with a responsive touchscreen interface.

### Ready for the elements

In addition to a field-ready IP68 environmental rating – which ensures protection against dust and allows the unit to be waterproof for longer than 30 minutes at more than one-meter depth – the SHC700 is independently certified as MIL-STD 810H, capable of operating in temperatures from -20°C to 50°C.



## Stay connected

Bluetooth® and Wi-Fi communication come standard on the SHC700 and are ideal options to connect and drive any Sokkia GNSS receiver or optical total station out to distances of 250 meters. Plus, using local Wi-Fi you can upload the day's work before leaving the project site – cutting down on return trips to the office.



## Power on the go

The unit is built for speed with Qualcomm® 4490 octa-core up to 2.4 GHz Processor, which drives Sokkia Field software, or a variety of other software options with ease, and is ready to work with your large design files.



## Point and snap

Two built-in digital cameras offer fast auto-focus adjustments including an as-needed LED flash to capture informative project site images. All photos are easily associated and instantly shareable with any field measurement while using data collection software.



## External Keyboard (Optional accessory)

The keyboard is designed for on-the-fly installation and quickly snaps onto the SHC700; no tools required. It features tactile feedback, raised keys, and a full QWERTY keyboard. It is designed to improve performance of the SHC700 in cold weather when operators are wearing gloves.



## Recharge faster

After a full day's work, recharging the SHC700 takes as little as two to four hours. The internal batteries are tested and proven to deliver excellent performance even under extreme temperature conditions.



## Get connected

The internal cellular 5G modem is capable of sending and receiving data to the cloud, making it easy to communicate with field crews when projects need to be changed.

## Specifications

Hardware	
CPU	Qualcomm® 4490 octa-core up to 2.4 GHz
Internal Storage	128 GB
Micro SD Card Storage	Yes, up to 512 GB
OS	Android™ 14 - compatible with future OS updates
Memory	8 GB RAM
Display	6.26" FHD touch screen 2280 x 1080 Brightness: 500 nit
Camera	Rear: 48 megapixel wit LED illumination Front: 16 megapixel
Internal GNSS	72 GNSS tracking channels
Ports	USB-C
Charger	AC adapter and USB-C cable
Dimensions (L x W x H)*	17.4 x 8.5 x 1.5 cm   17.4 x 8.5 x 2.2 cm 6.85 x 3.35 x 0.59 in.   6.85 x 3.35 x 0.87 in.
Weight*	325 g (0.72 lbs)   395 g (0.87 lbs)
Wireless Connectivity	
Bluetooth®	Bluetooth® 5.2
Wi-Fi	6E 802.11 2.4/5 GHZ a/b/g/n/ac, 802.11 ax
Cellular	5G with 4G LTE fallback, Dual Nano SIM card slots
Environmental	
Ingress Protection	Dust and water IP68
Operating Temp.	-20° C to 50° C -4° F to 122° F
Vibration	MIL-STD-810H
Drop test	1.2 m (4 ft.) drops to concrete
Operating Time*	Up to 18 hours

\* depending on battery configuration

## Standard kit components

- SHC700 field computer
- Hand strap with loop
- Internal battery
- Quick start guide
- Screwdriver
- Removable battery

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# SOKKIA

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