

SOKKIA

MADE TO FIT YOUR WORLD.

SHC6000

Field Computer



Your daily field computer

Bring office-level processing speed directly to your project site. Stay connected, productive, and in control with the SHC6000 field computer.

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

- Sunlight-readable 7-inch display
- Intel® Quad-Core Pentium N4200 Processor
- MIL-STD 810G and IP68 certified
- Windows® 10 operating system
- 8 MP rear camera, 2 MP front camera
- Integrated 4G LTE cellular module (optional)

A brilliant, clear screen

The broad 7-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 at a one-meter depth – the SHC6000 is independently certified as MIL-STD 810G, capable of operating in temperatures from -20°C to 50°C.

FC Docking Station - Optional accessory

With the FC Docking Station, moving from the field to the office, and back, is a breeze. The docking station makes it easy to charge, connect to an Ethernet network, an external monitor, keyboard, and mouse – just like a laptop.



Stay connected

Bluetooth® and Wi-Fi communication come standard on the SHC6000 and are ideal options to connect and drive any Sokkia GNSS receiver or optical total station out to distances of 500 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 an Intel® Quad-Core Pentium N4200 Processor, which drives Sokkia 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 SHC6000; no tools required. It features tactile feedback, raised keys, and a full QWERTY keyboard. It is designed to improve performance of the SHC6000 in cold weather when operators are wearing gloves.



Recharge faster

After a full day's work, recharging the SHC6000 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 optional internal cellular 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	
Processor	Intel® Quad-Core Pentium N4200 Processor
Operating System	Microsoft® Windows 10
Memory and Data Storage	8GB LPDDR4 RAM User accessible SD Slot
Display	7-inch screen, Wide XGA at 1280 x 800
GNSS	Type: uBlox NEO M8M
Camera	Rear: 8 MP with LED Illumination Front: 2 MP
Communication	
Bluetooth®	LongLink™ Bluetooth technology, Class 1.5, BLE support
Wi-Fi	802.11 a/b/g/n, 2.4 GHz and 5 GHz
Cellular Connectivity (optional)	Internal GSM 4G LTE modem
Environmental	
Dust/Water Rating	IP68 certified
Operating Temperature	-20°C to 50°C
Temperature Shock	MIL-STD 810G
MIL-STD 810G	Drop 4 ft. (1.2 m), vibration, humidity
Dimensions (l x w x h)	21.5 x 13.7 x 3.5 cm
Operating Time	Up to 15 hours (5 hours internal batteries, 10 hours with swappable batteries)

Standard kit components

- SHC6000 field computer
- Hand strap
- Capacitive small tip stylus
- Internal battery
- Removable battery
- Quick start guide
- International plug kit
- Connector port dust cover
- Battery charger

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