SOKKIA
MADE TO FIT YOUR WORLD.

SHC5000
Field Computer

Your daily field computer

Bring office-level processing speed directly to your project site. Stay connected, productive, and in control with the SHC5000 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® Atom™ Z3745 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 protects against dust and allows the unit to be waterproof at a one-meter depth for up to two hours – the SHC5000 is independently certified as MIL-STD 810G, capable of operating in temperatures from -20°C to 50°C.

Stay connected

Bluetooth® and Wi-Fi communication come standard on the SHC5000 and are ideal options to connect and drive any Sokkia GNSS receiver or optical total station out to distances of 300 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® Atom™ Z3745 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.

Recharge faster

After a full day's work, recharging the SHC5000 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® Atom™ Z3745 Processor
Operating System	Microsoft® Windows 10
Memory and Data Storage	4GB LPDDR3 RAM User accessible SD Slot
Display	7-inch screen, Wide XGA (WXGA) at 1280 x 800
GPS	Type: uBlox NEO M8M Accuracy: 2-5 m Channels: 72 Update Rate: 5 Hz
Camera	Rear: 8 MP with LED Illumination Front: 2 MP
Communication	
Bluetooth®	Long-range Bluetooth® Smart Ready wireless technology v4.0 + EDR, Class 1.5, BLE support
Wi-Fi	802.11a/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, tumble spec: 1,000 0.5 m / 1.6 ft. tumbles (2,000 drops)
Dimensions (l x w x h)	13.71 x 3.45 x 21.5 cm
Operating Time	10+ hours

Standard kit components

- SHC5000 field computer
- Hand strap
- Capacitive small tip stylus
- Internal 21 Wh battery
- Removable 43 Wh battery
- Quick start guide
- International plug kit
- Connector port dust cover
- Battery charger

SOKKIA

sokkia.com

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