SOKKIA
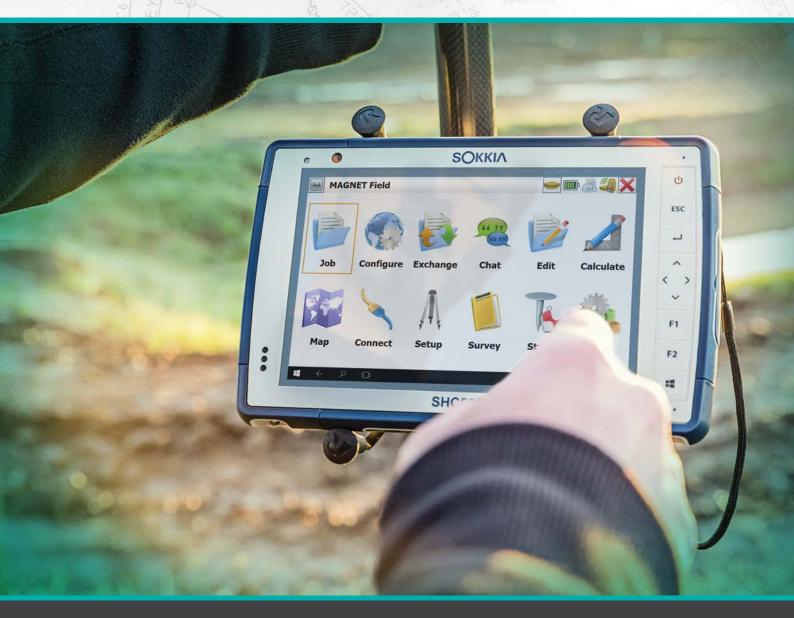
SHC5000
Ruggedized Field Computer

- **Sunlight-readable 7 in. 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 Cell Module (optional)**

SHC5000
Ruggedized Field Computer

Connect, Control, and Deliver

The SHC5000 field computer features a broad 7 inch display specifically designed for viewing and working in direct sunlight. It offers a responsive touchscreen interface whether using an exposed fingertip, gloves, or a small tipped stylus.

Ruggedized Design Delivery

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.

Office Processing Power While on the Move

The unit is built for speed with an Intel® Atom™ Z3745 processor, which drives any Sokkia software solution with ease and is ready to work with your large design files.

Point, Aim, 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 with any field measurement while using MAGNET® Field data collection software and then instantly shareable throughout the secure MAGNET system.

Removable Battery Packs

With "intelligent" batteries in charge, there are no worries about ever overcharging. Furthermore, after a full day's work and plugging in, the SHC5000 is ready for more after only 2 to 4 hours of charging. Internal batteries are tested and proven to deliver excellent performance even under extreme temperature conditions.

Wireless Connectivity Standard

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. Not to mention it sure is handy to pause and surf the Internet using local Wi-Fi to upload the day's work and download before leaving the project site – cutting down on return trips to the office.

Hardware	
Processor	Intel® Atom™ Z3745 Processor
Operating System	Microsoft® Windows 10
Memory and Data Storage	4 GB 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 1.6 ft. / 0.5 m tumbles (2,000 drops)
Dimensions (l x w x h)	13.71 x 3.45 x 21.5 cm
Operating Time	10+ hours

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

SOKKIA

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