SOKKIA

# SHC250 Data Collector

## **Super-Fast Data Collector**

Tough - Compact - User-friendly

- Windows Mobile® 6.5
- 806MHz CPU
- 256MB SDRAM
- 1GB Flash Memory
- 3.7 inch VGA Color Display
- Bluetooth® Wireless
- Wireless LAN
- IP66 Dust/Water Protection





#### **High-performance**

The combination of 806MHz high-speed processor and 256MB main memory dramatically speeds up all data collections and calculations.

#### Advanced User Interface

Incorporating the Windows Mobile 6.5 operating system and a large, sunlight-readable touch-screen display, the SHC250 provides an extremely user-friendly interface.

#### **Multiple Connectivity**

A variety of communication and connection capability maximizes work efficiency.

- USB Type A and Type Mini-B ports for communication with computers
- Internal Wireless LAN capability
- Built-in *Bluetooth* module for wireless connection with external devices
- The optional long-range Bluetooth modem RS-1B and the spreadspectrum radio RS-1 connect neatly to the back of the SHC250.

#### **Spectrum Survey Field**

#### Fast, powerful, yet user-friendly data collection software

The Spectrum Survey Field provides easy-to-navigate, intuitive operation that minimizes the learning curve.

- Maximizes productivity in all kinds of surveying, construction setting-out and data collection tasks.
- Controls Sokkia GPS/GNSS receivers, robotic and conventional total stations.
- Easily handles multiple surveying instruments using individual configuration files stored for each instrument.
- Superior data management and exchange capability in numerous file formats.





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#### **Specifications**

System		
Operating System	Windows Mobile® 6.5	
Processor	806MHz Marvel PXA320	
Main memory	256MB SDRAM	
User interface		
Display	3.7 inch VGA color TFT (640 x 480)	
	Sunlight-readable touch screen	
Keyboard	6 keys and 1 arrow key	
Communication and Data Storag	ge	
Flash memory	1GB	
Port	USB Type A	
	USB Type Mini-B	
Card slot	CF Type I/II	
	SD/SDHC	
Wireless connection*	Bluetooth Class 2	
	Wireless LAN IEEE 802.11b/g	
Optional wireless technonogies*	RS-1B: Class 1 Long-range Bluetooth modem	
	RS-1: Spread-Spectrum radio	
Environmental		
Dust and water protection	IP66 (IEC 60529:2001)	
Operating temperature	-20 to +50°C (-4 to +122°F)	
Power supply		
Battery	BT-66Q Li-ion rechargeable battery	
Operating time	10 hours	
Physical		
Size	W 107 x H 196 x D 61mm	
	(W 4.2 x H 7.7 x D 2.4 in.)	
Weight with battery	700g (1.54 lb.)	
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<sup>\*</sup> Availability and usage approval of wireless technologies vary according to country. Please consult your local Sokkia office or representative in advance.

#### **SHC250 Standard Configuration**

- SHC250 data collector
- BT-66Q detachable battery
- AD-11A AC adapter
- F-25 interface cable
- Hand strap
- Stylus pen
- Touch panel protective film
- Operator's manual (CD-ROM)



#### **Optional Accessories**

- RS-1 Spread-Spectrum radio
- RS-1B long-range Bluetooth modem
- Neck strap
- · Soft carrying case

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