SOKKIA

SHC236
Data Collector

Durable Data Collector
Built for Efficiency

- **3.5G Cellular Connectivity**
- **Integrated *Bluetooth*® Wireless and Wi-Fi connectivity**
- **256MB RAM, 4GB Storage**
- **MIL-STD-810G and IP67 Compliance**
- **Full Numeric Keypad**
- **Windows Mobile® 6.1 Operating System**
- **Marvell PXA310 806MHz Processor**
- **3MP Auto-Focus Camera**
- **9-pin Serial Port**
- **Field-Swappable Li-ion Battery**

Compact, Lightweight and Rugged Construction

Sokkia's SHC236 weighs merely 17.64oz (500g) with battery. Its rugged construction complies with the MIL standard as well as the IP67 dust/water protection that withstands the harshest worksite conditions.

Multiple Connectivity

Wireless LAN and *Bluetooth*® wireless capability allows for cable-free connection with instruments and PC. The SHC236 works as a host computer as well as a client device via USB connection.

Easy Operation

Windows Mobile 6.1 operating system and a 3.5-inch VGA touch-screen display make tasks extremely easy.

Field-replaceable Battery

Rechargeable Li-ion battery can be removed and replaced at the worksite, eliminating down time due to battery drain. A battery charger also comes with this data collector.

Built-in Sensors for GIS Applications

Integrated 20ch GPS receiver provides positional information by point positioning or DGPS using SBAS corrections. The SHC236 has 3MP auto focus camera, electronic compass and altimeter for GIS data collection applications.

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System	
Operating System	Windows Mobile® 6.1
Processor	Marvell PXA310 806MHz
Main memory	256MB SDRAM
User Interface	
Display	3.5 inch VGA color TFT LCD (480 x 640) Sunlight-readable touch screen
Keyboard	Full numeric, Soft input panel on screen
Communication and Data Storage	
Flash memory	4GB
Port	USB Type Mini-B (Host 1.1 / Client 2.0, to be switched by software)
Card slot	SD/SDHC (up to 16GB SDHC)
Wireless connection*1	*Bluetooth*® Class 2 Wireless LAN IEEE 802.11b/g
Environmental	
Dust/Water Protection	IP67 (IEC 60529:2001)
Operating Temperature	-22 to +140°F (-30 to +60°C)
MIL-STD-810G*2	Drop (1.52m/5ft.), Vibration, Humidity
Power supply	
Battery	Removable Li-ion Rechargeable Battery, 3.7V, 5600mAh
Operating Time	7.5 hours with *Bluetooth*® connection
Recharging Time	3.5 hours
Physical	
Size	W3.23 x H5.75 x D1.30in. (W82 x H146 x D33mm)
Weight with battery	17.64oz (500g)
Integrated Sensor	
GPS	
Type	SiRFstarIII Chipset, GPS L1 (C/A), 20 Channels
Horizontal Accuracy (RMS)*3	DGPS*4: 3.3 to 9.9ft. (1 to 3m) Point Positioning: 16.4ft. (5m)
Built-in Camera	3 Megapixels, Auto Focus Camera
Other Sensor	Electronic Compass, Altimeter

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/conventional total stations, and digital levels.

- Easily handles multiple surveying instruments using individual configuration files stored for each instrument.

- Superior data management and exchange capability in numerous file formats.

Standard Configuration
- SHC236 Data Collector
- Stylus pen
- Touch panel protective film
- USB cable
- Rechargeable battery
- Battery charger
- AC power plug
- Quick start guide
- User manual (CD-ROM)

Optional Accessories
- Pole bracket
- External GPS antenna w/ cable
- Office docking
- Rechargeable battery
- Vehicle charger

*1 Availability and usage approval of wireless technologies vary according to country. Please consult your local Sokkia office or representative in advance.
*2 The SHC236 is tested according to the MIL-STD-810G published on October 31, 2008 which supersedes the previous MIL-STD-810F.
*3 Accuracy depends on the number of satellites used, SBAS data quality, multipath effects, device position/posture and other environmental conditions.
*4 Using SBAS (WAAS, EGNOS, MSAS). Not compatible with beacon receivers.

Your local Authorized Dealer is:

SOKKIA

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