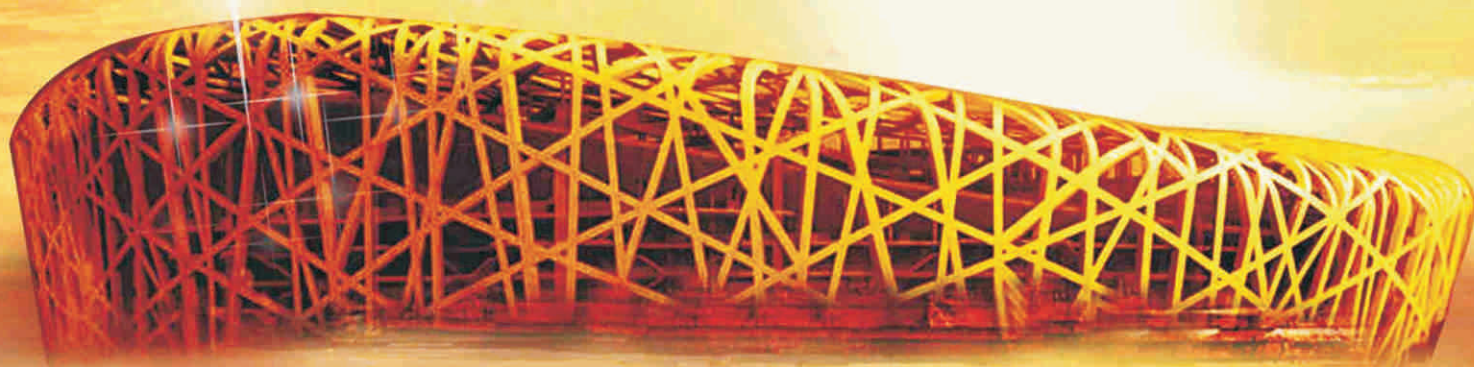




**Hi-Target GPS**  
The first GPS brand in China

# Q Cool GIS WORLD IN HAND



## **Q5-World in Hand World-Class GIS data collector**

Q5 World in Hand applies single frequency RTK technology in high accuracy about 0.5m. World's first GIS product integrated with GPRS communication ability, Bluetooth technology, large storage and high definition camera. Supporting high precision field data collection and compatible with City continuous Operation Reference Station (CORS) signal. Leading the development trend of global GIS collector.

Q5 integrated with eximious features and functionality, will surely become one sparkle star in high precision GIS data collector market.



# Seven Advantages

**Accuracy:** Apply single frequency RTK technology in less than 0.3m real time differential positioning accuracy to achieve world-class level

**High-Speed:** Embedded 500MHZ high-speed ARM9 processor, supporting fast and fluent operation

**Function:** Powerful functionality, with newly embedded 1.3 million pixel high definition camera

**Storage:** Embedded 640M storage capacity and support 2G Micro SD card expansion

**Transmission:** Internal GPRS communication and Bluetooth communication function, available for real time differential signal.

**Light-Weight:** Only 0.5 KG, convenient for you to carry

**Input:** Support diverse input methods including handwritten English character input.

## Features and Specification

| Feature             | Item             | Specification  |
|---------------------|------------------|--|
| Receiver            | Signal Receiving | 14 channels L1 + carrier phase receiver, able to receive SBAS satellite signal.  |
|                     | Accuracy         | Single Frequency RTK: 2cm<br>Post processing difference: 0.3m(<50km)<br>Real time difference:0.5m(3δ) SBAS: 1m (1δ)<br>Single Positioning: 2.5m (3δ)<br>Static: ±(5mm+1×10 <sup>-6</sup> D) ( Need external antenna) |
|                     | GPS Antenna      | Internal high sensitivity GPS single frequency (L1) antenna, external antenna port, available to connect external high-gain antenna with automatical switch ability  |
| Core                | Main Frequency   | 500 MHZ high-speed ARM 9 processor   |
|                     | Operation System | WINCE5.0 operation system  |
| Screen              |                  | 3.5 inch, 320 X 240 pixel, TFT 262K color "Sharp" touch screen, high definition under sunshine.  |
| Data Storage        |                  | SDRAM: 128MB<br>FLASH: 512MB<br>Micro SD card slot: available for TF card in 2G large storage size   |
| Data Transmission   |                  | Embedded GPRS communication module and Bluetooth communication function  |
| Camera              |                  | 1.3 million pixel camera in high definition  |
| Data Port           |                  | One USB port, one Bluetooth port and one RS232 port. Available to connect external instruments including laser range finder, beacon and radio through Bluetooth and cable connection.                                |
| Battery             | Voltage          | Lithium battery 7.6V, 2000mAh,   |
|                     | Time             | Continuous power supply for 5-6 hours  |
|                     | Charge Mode      | Support online charging  |
| Working Environment | Temperature      | -30℃~70℃   |
|                     | Waterproof       | IP64   |
|                     | Shock-Resistant  | Bear 1m natural drop   |
| Size                |                  | 22cm×9cm×5cm   |
| Weight              |                  | 0.7kg  |

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