

ODIN HAND HELDS GPS/GIS RANGE

All In One GIS Field Data Collection
GPS Device Powerful Tool For Field Asset Mobile
Workforces & Large Scale Data Acquisition
With 3.5 G Voice & Data Capability.

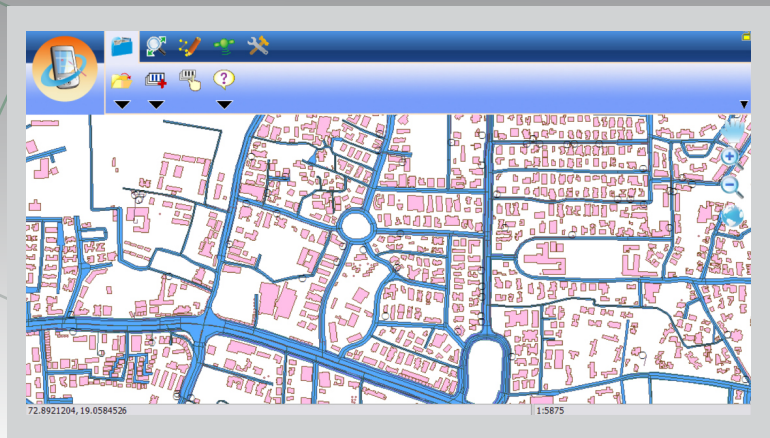


Description :

The **ODIN** is a professional handheld GPS built to work in the harshest of conditions. The handheld is provided with an array of powerful features including a **3 Mega Pixel Camera** for photo capture, **built in GSM data & video capability** and a high sensitivity **GPS antennae** for achieving maximum fix rate in covered areas such as congested city environments or forests. The **ODIN** is designed for use by **mobile workforces** for **managing assets** whether for **power, gas, water utilities, managing city infrastructure, forestry, agriculture, land management or disaster management**, for data collection or integrate with enterprise GIS data servers. **Powerful - with a 600 MHZ processor, you can work with large wide area maps.**

Features :

- **Window Mobile Operating System :** The ODIN is provided with **Microsoft® Window Mobile 6.5** as standard - an **ideal platform** for **mobile GIS applications**-The ODIN is compatible with most mapping & GIS softwares in the market - giving you a choice of loading industry leading softwares such as Arcpad, Superpad etc. or any other proprietary GIS or mapping software - allowing you flexibility & choice. The window mobile operating system includes personal productivity tools such as windows mobile office & email system, allowing seamless exchange of data between the field & office.
- **Cellular Modem :** Stay connected through the built in cellular modem for **data connectivity & voice calls**, enabling the central office to provide data to your team or for the field teams to access info such as maps, documents, emails or access the internet & stay in touch with the office - all with one device. In addition, the ODIN has **built in Bluetooth & Wifi**.
- **High Sensitivity GPS :** The Built in **high sensitivity GPS module & high sensitivity antennae**, coupled with capability to support external GPS antennae allows **maximum fix rate** in **difficult environments** such as urban areas & forest cover. In addition the instrument has an **electronic compass & barometer altimeter** that provide attitude & direction information even in poor satellite signal situation. The GPS provides positional accuracy better than 3.5m in real time conditions & better than 2.0m positional accuracy with its integrated SB AS receiver.
- **Ideal For Field Work :** **Sunlight readable 3.5" color touch screen**, **IP 66** water proof & dust proof, **Li-ion battery** providing **long life battery** allowing GPS data collection for a full working day without the need for recharging.
- **Data Storage :** Integrated **SD RAM & high capacity micro SD memory card** provide enough storage for **large data & raster** background maps.
- **An all in one mobile field GIS solution :** The ODIN is an all in one mobile device for the field teams, avoiding the need to carry a separate GPS, data collection, PDA, camera & phone. **The integrated device provides the necessary features for a field team to capture & record assets & asset conditions & in turn update the central or project team staff with accurate data or picture of the situation in the field or for large scale O & M teams to work based on data from centralized GIS servers.**



Standard Features :

System :

- Window Mobile 6.5 in English.
- 600 Mhz processor.
- Integrated data and voice capable HSDPA 3.5G cellular (Quad-band GSM/GPRS and Tri-band WCDMA 3.5G).
- Integrated SMS capability.
- Integrated Bluetooth v2.0 wireless technology.
- Integrated 802.11 b/g wireless LAN.
- Integrated digital camera (color, 3 megapixel resolution).
- 128 MB RAM.
- 256 MB NAND Flash.
- Micro SD memory card slot.
- 3.5" sunlight-readable color touch screen, night visible keyboard.
- All day internally rechargeable and removable Li-ion battery.
- Integrated speaker, microphone

GPS :

- 50, L1 C/A code
- Hot Start : 1s
- Cold Start : 30s
- Integrated high-sensitivity GPS/SBAS' receiver and antenna.
- Real time : <3.5m (CEP, -130dbm)
- SBAS : <2.0m
- NMEA and SiRF protocol support.

Standard Software :

- Microsoft Office Mobile, includes Excel Mobile, Word Mobile, Internet Explorer Mobile, Power Point ® Mobile & Email.
- Adobe Reader.
- Transcriber (handwriting recognition).

Standard Accessories :

- SD Card 2GB
- Battery Charger
- USB data cable
- Stylus (2-pack)
- Rechargeable Li-ion battery
- Quick start guide

Specification :

Physical :

Size	179.5mm x 91.2mm x 31.5mm
Weight	250g with battery
Processor	600 Mhz processor
Memory	128MB RAM and 256 MB NAND flash
Battery	Internal 2800 mAh lithium-ion, rechargeable

Environmental :

Temperature	Operating : -10° to +60°C Storage : -30° to +70°
Drop	1.5m drop to concrete
Casing	IP 66- IEC 529

Input/Output :

Expansion	Micro SD Card slot (micro SDHC compatible)
Display	(3.5in) 240x320 pixel TFT with backlight
Interface	Touch screen, hardware control keys, warning, and notifications, Soft Input Panel (SIP) virtual keyboard
Audio	Microphone and speaker
I/O	Mini USB client v 2.0 compliant
Connectivity	Bluetooth 2.0 ⁴ , Wireless LAN 802.11b/g Integrated HSDPA 3.5G cellular (data and voice) ⁵
Digital Camera	3 megapixel color camera with auto focus, JPEG photo format

GPS :

Channels	50, L1 C/A code
Integrated real-time	SBAS
Time to first fix	29 seconds (typical)
Protocols	SiRF, NMEA-0183

Item Code : ST-ODIN

Dealer Information :



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