

RAPiD RAPID DEPLOYMENT iP TRACKING

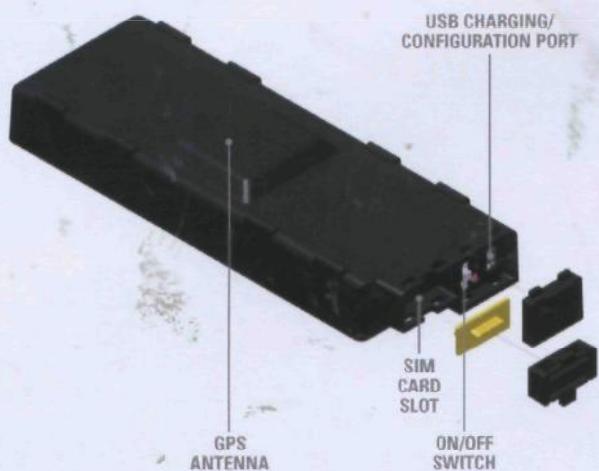


- ≡ iP TRACKING
- ≡ EASY TO INSTALL
- ≡ INTEGRAL BATTERY AND ANTENNA
- ≡ LOW COST
- ≡ MINIMAL TRAINING
- ≡ LONG MISSION LIFE
- ≡ DATONG QUALITY

DATONG
ADVANCED ELECTRONICS

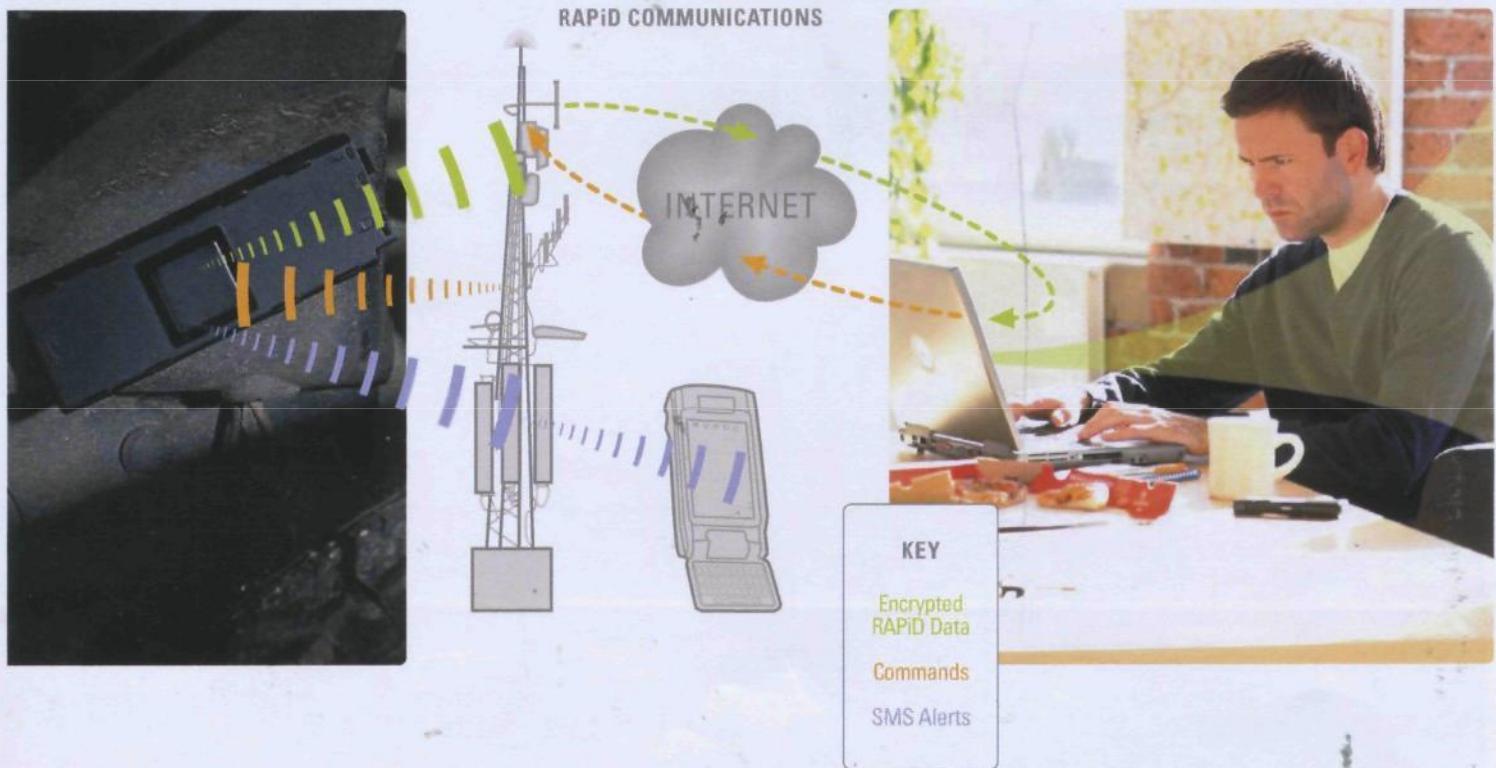
RAPiD RAPID DEPLOYMENT iP TRACKING

The Datong **RAPiD** is a GPRS tracking device, which can be very quickly deployed and used for covert tracking of hostile targets. It utilizes secure internet-based iP tracking software called **TRACKVIEW**, that offers real time GPS tracking and download of logged data.



Operational Benefits

- Easily configurable, resulting in minimal training for the user
- Easily deployed, for quick placements in hostile situations/territory
- Robust and weatherproof
- 256 Bit end-to-end encryption for high level data security
- Logged GPS data download for past tracking analysis of operations
- Fully commandable via GPRS for changes to the device's operating mode
 - Geo-fencing
 - SMS alerts
- Small, discrete unit with fully integral antennas
- Long mission life
- Fully re-chargeable internal battery.





TRACKVIEW

TRACKVIEW is a secure web based mapping application utilizing *Google Maps*® for live tracking or past tracking of targets when using the **RAPiD** device. TRACKVIEW is an intuitive, intelligent way to view real-time GPS data, and analyse the target GPS data during or after operations. TRACKVIEW also allows the user full command and control of the **RAPiD** device via the GPRS network.

TRACKVIEW is backed by a secure database to hold all the tracking information. This database works automatically in the background with the tracker, to upload any new fixes whenever there is a GPRS connection. This means that the tracking data is always available to the user, without having to manually dial in to the unit.

Operational Benefits

- Real-time GPS tracking
- 'Over-the-air' commanding and configuration
- High level of security for target data protection
- Tracking information can be viewed by multiple users simultaneously
- Reverse geo-code of target position to display street name
- Journey and 'stops' analysis
- Intuitive past tracking feature for operational analysis
- User selectable map display format
- Clear concise interface
- Intuitive and easy to use
- Mobile web pages available (for use on mobile phones with GPRS etc).

LIVE TRACKING ON GOOGLE MAPS®

TRACKVIEW

Time Zone UTC+1

Map Satellite Hybrid

Live Tracking

Last Connected 07:02:20 (53 mins ago)

Last Log Point 5871

Time 07:01:21 (54 mins ago)

Accuracy 24 m

LatLong 55.85612, 1.33656

Speed/heading 68 mph, N/A

Motion Moving

GPS Signal 65%

Battery 4.2 volts

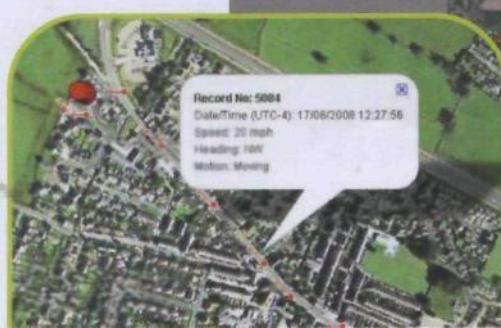
View map centred

Done

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DATONG RAPiD

LIVE TRACKING WITH SATELLITE IMAGERY



ZOOM OF SATELLITE IMAGERY

RAPiD Tracking Device

Dimensions.....	137 x 48 x 24mm (5.4 x 1.9 x 1in)
Power Supply.....	Internal re-chargeable battery via USB
Motion Sensor.....	Two state sensor indicating 'Moving' or 'Stopped'
GPS	High sensitivity u-blox GPS
GSM	Internal antenna, quad-band GSM/GPRS
RAPiD Configuration.....	Via dedicated RAPiD Config software application and TRACKVIEW
Data Security.....	RAPiD is encrypted end-to-end with a Government level 256 bit Blowfish encryption
Device Status	Battery level, motion state, GPS and GSM quality
Logging.....	130,944 log points available
Commands.....	Hibernate, Standby, Clear Standby
Geo-zones.....	3 configurable geo-zones
SMS Alerts	Motion state, geo-zone entry and exit, battery low indication

TRACKVIEW

Mapping.....	Google® street level maps and satellite imagery
Data Security.....	Requires account, username and password to login, uses SSL encryption
Commands.....	Hibernate, Standby, Clear Standby
Configuration.....	RAPiD geo-zones, mission profile and SMS alerts
Subscription	Online subscription or self-hosting
Data Export.....	[csv] format for GPS and cell tower data

Mission Life - Typical

CONFIGURATION			TOTAL TIME ON DAYS	TOTAL POINTS LOGGED DURING BATTERY LIFE	TIME DEVICE ACTIVE HOURS
LOG	MOVE	STOP			
10s	10s	1hr	11	9334	26
10m	10m	6hr	21	311	48

LOG – rate at which the device logs a data point

MOVE – the rate the device communicates with the server (to upload the logged data) whilst the device is moving

STOP – rate at which the device communicates with the server whilst stopped

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