



DATASHEET

DQ30 Personal Tracker



Description

DQ30 is a compact, water-resistant tracking handset designed for locating people or assets. It uses a sensitive GPS receiver to obtain fast, accurate position fixes, and a 3-axis accelerometer to detect movement & calculate its heading. It reports location data by GPRS to the Duotraq server via an internal SIM card. The 'smart' movement sensor detects the start & end of journeys, and automatically adjusts the tracking interval according to speed & direction changes. This ensures data is only uploaded when needed, and enables the power management system to switch the unit to 'sleep' mode when at rest, conserving battery life. All location data is stored for 'live' tracking or trip replay via the web portal. The low-power management system enables a long working time of up to 140 hours & standby time of 400 hours.

A large 'SOS' button on the front of the unit transmits instant alert messages to your contact list. 3 LED's indicate the status of the device & battery condition.

Applications

- Tracking people for general outdoor activities, walking, running, cycling
- Tracking watersports such as kayaking, sailing, windsurfing
- Group tracking of teams or fleets using safety zones & SOS alerts
- Tracking assets such as vehicles, boats, sports equipment
- Temporary tracking up to 400 hours with anti-theft movement alerts

Technical features

- Sealed housing & rubber port seals ensure reliable operation in adverse weather
- Lightweight & easily carried or concealed for anti-theft applications
- 'Smart' tracking interval provides exceptional battery life
- Auto 'low battery' & quick 3- hour re-charge
- Large 'SOS' button with vibration feedback
- Auto switches to strongest mobile network for enhanced connectivity

Supplied with

- Fitted SIM card configured for international roaming
- Mains/USB charger with cable

Accessories

- Carrying case with belt loop
- Aquapac IPX8 waterproof pouch

Duotraq DQ30 Personal Tracker **SPECIFICATION**

Dimensions	68.5mm x 38.5mm x 23.5mm
Weight	60g
Charging Voltage	5V DC
Internal Battery	Li-Polymer 1300 mAh
Auto low battery alert	Yes
Operating Temperature	-20 deg C to +55 deg C
Water resistance	IPX5; with 'Aquapac' accessory IPX8
Operating time	Tracking up to 140 hours; Standby up to 400 hours
LED status	GPS: Blue, GSM: Green, Battery & Power: Red
Function buttons	SOS; Power on/off
Vibration feedback	'Power Off' and 'SOS'
Memory	Auto logging of all data
Sensors	3 axis accelerometer
GSM Frequency	Quad band 850/900/1800/1900 MHz
GPS Chip	72 channel u-blox M8 engine
GPS Sensitivity	Tracking & navigation -162 dBm; re-acquisition -160 dBm
Positioning Accuracy	Autonomous: 2.5m CEP; SBAS: 2.0m CEP



DQ30 Handset

For more information contact:

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