



ElephantTTracking

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www.elephanttracking.org

BENEFITS

- Latest European technology from a reputed company with permanent R&D
- Assembled and repaired in India
- Easy to mount, easy to use
- Economical (collar + transmission)
- 7/7 online assistance

KEY FEATURES

- Real-time tracking
- 2-way communication
- Mobile application
- Data available 24/7

MAIN APPLICATIONS

- Monitoring and mapping of wild elephants movements
- Prevention of human-elephant conflict
- Management of captive elephants

Product description: Elephant GPS tracking collar

Technical specifications:

- Weight : +/- 10kg (proportional to neck-girth)
- Collar width & thickness : 100 x 8 mm
- Length : adjustable up to 4 metres.
- Dimensions for shipping: 50x50x12cm
- Collar belt material : natural rubber based. No skin abrasion.
- Locking system : counterweight with one 6mm Allen key
- Release : collar falls by natural wear and tear after 5 years
- Battery pack : Primary lithium-thionyl chloride (Li-SOCl₂) 3.6v
- Discharge: 3% per year on stand-by mode. 10-20% per year with 4-6 positions per day.
- Antenna: fully embedded in collar. (No external antenna)
- GPRS transmission of data allowing Real-time tracking.
- Up to 20.000 positions may be stored in collar.
- Schedule of positions: from 1 position per minute to 1 position per 24h (+ stand-by mode)
- 2-way communication allowing instant reconfiguration of positions from interface/website.
- Schedule of GPS location available 24x7 on interface and mobile application.
- Battery monitoring at each position available 24x7 in % on interface and mobile application
- Altitude: recorded for each position.
- 3-axis activity sensor (Tracking-while-moving mode) and speed available for each position.
- Data storage capacity and duration of storage: unlimited
- All data is accessible 24x7 via interface, automatically displayed on Google Map accessible on any computer or via the mobile app. by any user with personal password.
- Possibility of creating sub-accounts with different passwords for selected collars/users.
- Possibility of blocking reconfiguration on sub-accounts.
- Mobile application available from GooglePlay or PlayStore for I-phone or Android
- Connection cable to desktop pc. not required. All functions are operational from interface/website, including data download & storage mode.
- Collar can be entirely refurbished in Bangalore on a quotation/approval basis.
- Technical assistance: free online

STORAGE RECOMMENDATIONS: ElephantTTracking collars need both GPS and GSM signals. Always store the collars at moderate temperature (max. 30°C/86°F) in a dry ventilated place, with the module oriented towards the sky near a window or under a veranda but not under direct sunshine. Check that GSM signal is available and the SIM card is active. WARNING: DO NOT TRY TO OPEN THE MODULE AS IT MAY BE HAZARDOUS. Risks of fire, explosion and burn hazard. Do not recharge, short circuit, crush, disassemble, heat above 100°C (212°F), incinerate the batteries or expose contents to water.

For more information/quotation/order, write to: contact@elephanttracking.org