ElephanTTrackinG

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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
• Geofencing
• Mobile application
• Data avalailable 24/7

Main applications

• Monitoring and mapping of wild elephant 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 belt 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 (transmission of each position within seconds)
• Up to 20.000 positions may be stored in one 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 level monitored 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
• Geofencing with choice of alert type
• Possibility of creating sub-accounts with different passwords for selected collars/users
• Possibility of blocking reconfiguration on sub-accounts
• Mobile application available from App Store for iPhone or Google PlayStore for Android
• Connection cable to desktop PC not required. All functions are operational from interface/website, including data download & stand-by mode
• Collar can be entirely refurbished in Bangalore
• Technical assistance: free online

STORAGE RECOMMENDATIONS: ElephanTTrackinG 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. Do not throw ElephanTTrackinG collars with regular waste. Send it back to us for recycling.

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