



# ElephantTTracking®

306 Swiss Complex, N°33 Race Course Road  
BANGALORE 560001 - INDIA  
[www.elephanttracking.org](http://www.elephanttracking.org)

## Benefits

- Latest French 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 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-SOCI<sub>2</sub>) 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 (immediate transmission of each position)
- Up to 20.000 positions may be stored in a 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
- 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 AppleStore for iPhone or Google PlayStore for 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 (including battery replacement) 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. Send old collars back to us for recycling.

**For more information/quotation/order, write to: [contact@elephanttracking.org](mailto:contact@elephanttracking.org)**