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Declaration of exclusivity

OrniTrack-10 3G transmitter is GPS-GSM/3G tracking device equipped with multiple sensors and 
designed for the telemetry of relatively small birds weighing 250-600 g. UAB “Glosendas” is the 
manufacturer of OrniTrack transmitters and “Ornitela”, UAB is the sole and exclusive distributor of 
OrniTrack transmitters. To our knowledge, OrniTracker-10 3G is one of the smallest tracking device on the 
market logging GPS positions and sensor information and automatically uploading the collected data using 
3G GSM network, and no products of other manufacturers match the size, ergonomic design and technical 
performance of OrniTrack-10 3G transmitters in small species telemetry.

OrniTrack-10 3G model has been designed specifically for tracking small species like waterfowl, 
shorebirds and small raptors by constructing the tags with minimal footprint, elevated upper part for 
preventing feathers covering the solar panel and equipping the tag with multi-junction solar panel ensuring 
efficient battery recharge considering the small surface area of the solar panel. OrniTrack-10 3G model 
was built using cutting edge technology with the smallest components existing today, at the same time 
sustaining superior positioning as compared to earlier generations of GPS-GSM transmitters. Important to 
ote note that the transmitters have no external antennas, their housing is strong and waterproof.

OrniTrack-10 3G transmitters log GPS positions and multiple sensor information and automatically upload 
data via GSM/3G telecommunication network. Efficient solar panels and low power consumption allow 
collecting position data at very high rate: at 5-10 minute intervals as a base rate to 1 minute intervals in 
good light conditions. For limited periods it is possible to log positions as frequently as every second. In 
addition to collecting GPS position and movement information, each transmitter logs acceleration (3 axes), 
strength of magnetic field (3 axes), temperature and light. Sensor data can be logged at up to 50 Hz 
frequency on a schedule independent from GPS position logging.

Because many bird species migrate to remote areas for breeding, they may disappear from GSM network 
coverage for months and thus would have no possibility to upload the collected data. This, however, does 
not affect the transmitter performance and data collection because internal memory is sufficient for storing 
about 30,000 data records. Data logged is stored in the memory and is automatically uploaded to the server 
one the birds return to the area with GSM network.

GPS and sensor logging and data upload scheduling is fully controlled by a user through the online control 
panel (M2M control). Additionally, automatic controls can be set using geofences, time scheduling or 
sensor readings. This allows balancing data collection with available power and maximizing transmitter 
performance when it is most needed.

Main data record logged with each position includes: UTC date & time, GPS position, GPS altitude, GPS 
speed, GPS direction, HDOP, battery voltage, battery charging current, temperature, magnetic field 
strength (3 axes), and instant acceleration (3 axes).

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We offer OrniTrack transmitters at competitive prices and flexible data transfer fees. Our standard transmitter prices, which are among the lowest on the market, include a budget consumable towards data fees that is sufficient for about two years of bird tracking in countries of the European Union.
OrniTrack-10 3G transmitters have already proved themselves: hundreds of ducks, shorebirds and other small birds of different species have been fitted with OrniTrack-10 3G transmitters in Europe, Asia, Australia, Africa and North America and are successfully tracked to date.
OrniTrack transmitters come with one year manufacturer’s warranty and unlimited technical support from Ornitela team. Please find attached technical data sheet of OrniTrack-10 3G transmitter (Annex 1).

UAB “Glosendas”
Director

Tomas Meskauskas