

# Lykaner V Tracker Manual Instruction EN

Before use, please read this manual carefully and keep it for any later use.

- not disassemble the product and do not try to carry out repairs by yourself
- Do not attempt to replace the batterie and do not dispose of the device and batteries in the Fire or in a hot oven.
- Do not crush or crumple the device
- Any use that does not conform to this manual will void the warranty and manufacturer's liability
- Use only parts and components coming from ALPS Electric Europe GmbH.
- Do not leave any electronic equipment on the top of the Lykaner 5 Tracker
- Do not submerge the product in liquids

## Product Details:

Lykaner V Tracker is a networked device whose goal is to demonstrate the capabilities of the Sigfox network. It contains several sensors that evaluate data and send it to the Sigfox backend.

## Initial Operation

Lykaner V Tracker is already ready for operation upon delivery and after initializing from the Sigfox ID number, the desired data will be transmitted automatically. This means if no relocation within 24 hours, the WiFi data of the environment will be read out and sent as a data packet to the Sigfox Backend.

## Alarm Button

- Activation (detector switch will be closed): 3-byte frame message "Tracker activation" will be sent to the Sigfox Backend
- Deactivation (detector switch is open): 2-byte frame message "Tracker is disassemble" will be send to Sigfox backend, if the detector switch will not be closed within the next 1 minute.

## Technical characteristics

- Dimensions (W x H x D): 140 x 50 x 25 mm
- Frequency band: 902.1375-920.2625 MHz
- Output Rated power: 19 dBm
- IP67
- Temperature range: -20°C to +60°C
- Maximum relative humidity: 90 %
- 1 x Battery A-size, 3.6V, 2.8Ah, Primary Lithium Thionyl chloride (SOCl<sub>2</sub>)
- Operation up to 2000 meters above sea level

## Content of the Pack

1 x Lykaner V Tracker  
1 x Manual Instruction

## Warning

- Any use of the Lykaner V contrary to this manual may affect the function or permanently damage the module and result in the loss of any warranty claims.
- Do not dispose of the Lykaner V Tracker in the normal household waste.
- Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment
- This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- To ensure the safety of users, the FCC has established criteria for the amount of radio frequency energy that can be safely absorbed by a user or bystander according to the intended usage of the product. This product has been tested and found to comply with the FCC criteria. The device should be installed and used such that users or bystander are maintained at a distance of approximately 8 inches (20 cm) or more.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.