忆伯科技

EabloPilot Tag

无人机

Drone Remote ID

Light weight
Compact size

远程识别模块

EabloPilot Tag

EabloPilot Tag

www.epro-intel.com

• Easy to use

In response to the new regulation that makes it mandatory for professional pilots in our country (or in the EU and the US) to digitize information about their drones, we have developed the Remote ID "EabloPilot Tag". This external plug-in module allows the drone to be fully compliant with UAV flight requirements without the need to purchase a new drone.

• Compact and lightweight

With the Remote ID "EabloPilot Tag" , your drone will instantly have remote ID functions. This device broadcasts the drone's position to the surrounding area via Bluetooth radio and WiFi beacons. With a total weight of 26g, the lightweight and compact industrial design allows for a small windward area.

• Installation

"EabloPilot Tag" can be easily attached to the drone with double-sided Velcro.

Internal Bluetooth & GNSS antennas

For better signal reception, we designed an integrated Bluetooth and WiFi antenna.

Battery life

Battery life is in the range of 2.5~6 hours(Depends on user configuration).

Multi-geographic positioning standards

Receive signals from BeiDou, GPS, GLONASS, Galileo to realize stable and reliable positioning .

Worry-free flight from takeoff to landing

"EabloPilot Tag" informs other nearby flyers of potential hazards during flight, landing or free fall.

Specifications

Signal band	BT4\BT5\WiFi(2.4GHz)
Positioning mode	GNSS
Positioning	BeiDou、GPS、GLONASS、 Galileo
Built-in antenna	Bluetooth,WiFi&GNSS
Fixed mode	Double-sided Velcro
External ports	Type-C
Transmit power	18dBm
Battery parameters	LiPo 3.7V 350 mAh
Battery life	2.5~6h
Charging parameters	5V 0.5A
Charging time	<2h
Average current consumption	50-130mA
Peak current consumption	200mA
Enclosure	Engineering plastics
Operating Temperature	-20°C~+60°C
Dimension	45*36*12 mm
Weight	26g（±2g）

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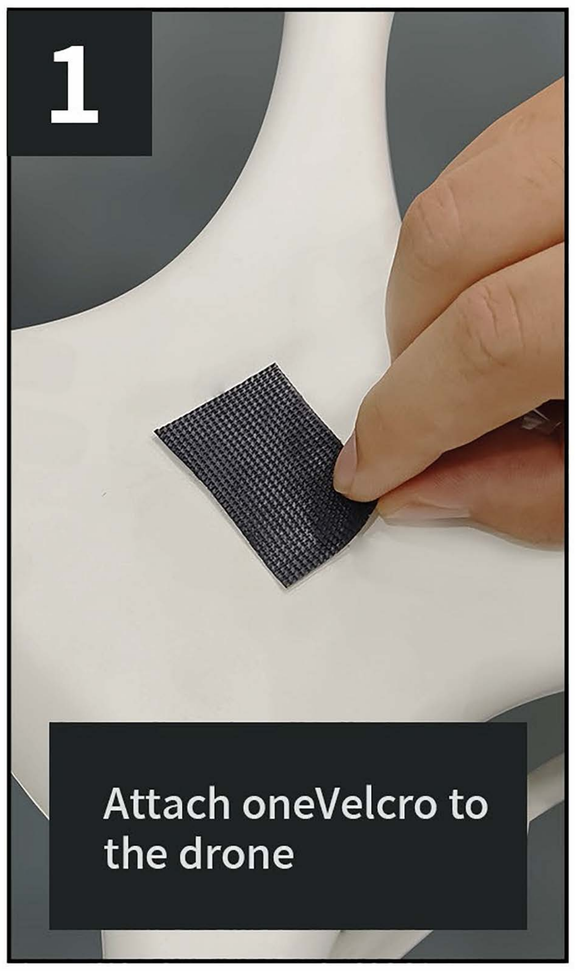
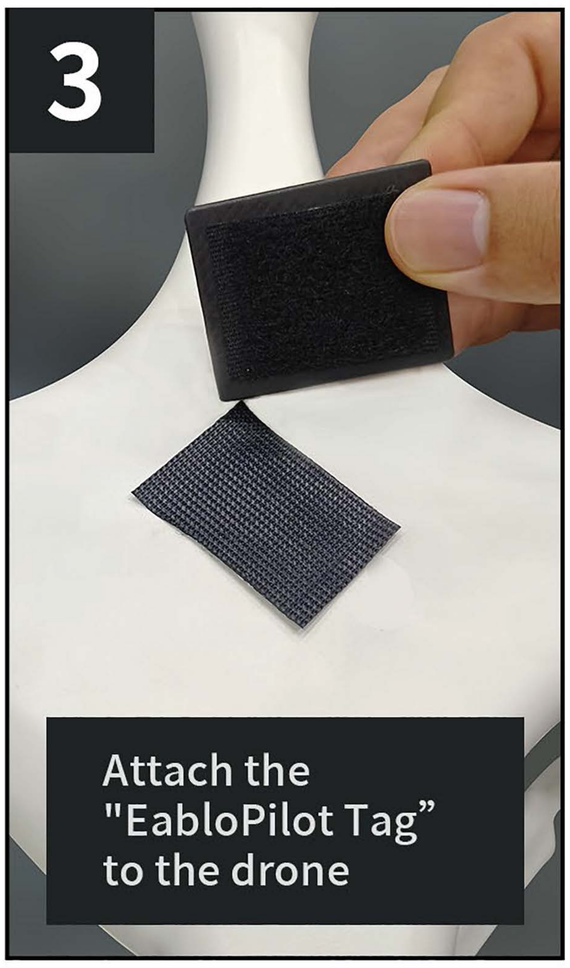
Parts & Accessories

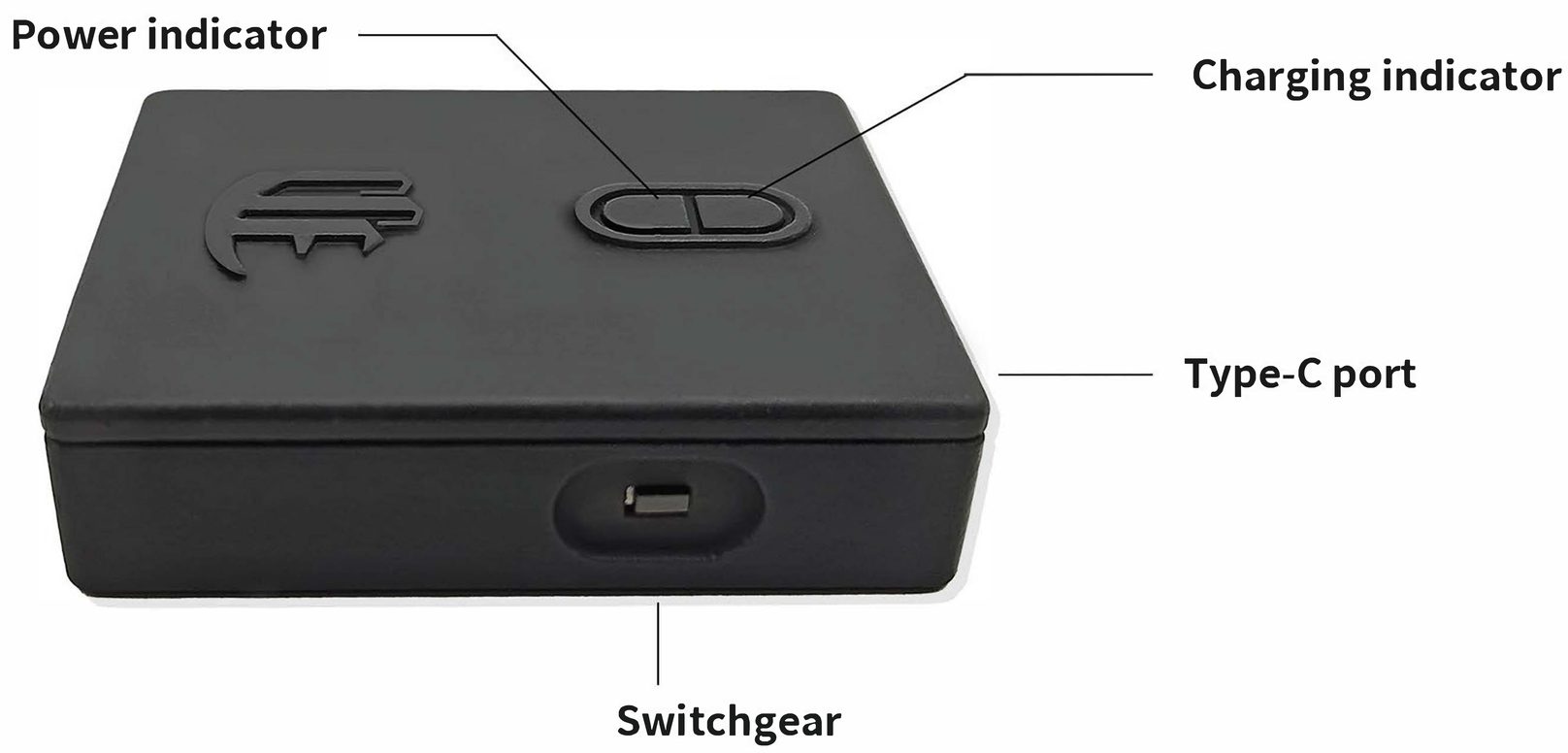
Double-sided velcro used to secure the product body to the drone.

Installation Guide





Operating Instructions



Procedures for use

1. Press and hold the switch for three seconds before takeoff to turn on the device.
2. The red power indicator light is steady on to indicate that the device is ready.
3.The takeoff or landing status will be changed automatically, no need to configure manually.
4.Long press the switch for three seconds after the end of the flight, turn off the device.
5.If you need to charge, the charging cable is inserted into the Type-C port, the charging indicator light will be red for charging, and green for fully charged.

Safty Notes

1.Power supply use safety

·Before connecting the power supply, please make sure that the rated voltage and frequency of the product match the power supply you provide (maximum voltage not more than 5V)
·Make sure that all power connections are dry, free of water stains, and away from water sources to prevent short circuits.

2. Fire prevention and heat dissipation

·When using the product, please make sure there is enough ventilation space around it and avoid covering or blocking the product's cooling holes to prevent overheating.
·Do not use or store electronic products on flammable materials (such as paper, fabric, sofa) to prevent fire.

3. Humidity and Environment

·Avoid exposing the product to extreme temperatures. Excessively high or low temperatures may affect product performance or cause damage.

4. Protection from static electricity and electromagnetic interference

·Pay attention to electronic products may be subject to electromagnetic interference, keep a certain distance away from strong electromagnetic field sources, such as large motors, radio transmitting equipment.

5. Repair and maintenance

• Maintenance. Do not disassemble the product for maintenance. Any repair work should be performed by an authorized service center, the warranty is valid for one year after purchase.

For the safety of you and your family, please read and comply with the above safety instructions carefully before using this product. If you have any questions or encounter problems, please contact our customer service support in time.

⚠WARNING

Failure to observe the following potential hazards could result in serious injury or even death.

Battery Warning

The product uses a lithium battery.
Failure to follow the guidelines below may shorten the life of the battery in the device or risk damage to the device, fire, chemical burns, electrolyte leakage, and injury.
·Do not disassemble, modify, puncture, crush, or damage the battery to avoid danger.
·Do not expose the device and battery to flame, explosion, or other hazards.
·Do not leave the device in a hot environment, such as a dryer, in a car in direct sunlight.
·Do not immerse the battery in water or other liquids.
·Do not overcharge frequently.
·Do not charge the battery under fire or extreme heat.
·Please follow the charging requirements strictly to avoid danger caused by excessive current.
·If the product is not used for a long time, please leave the battery fully charged to prolong the battery life.

Contact Us

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FCC Statement

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. To assure continued compliance, any changes or modifications not expressly approved by the party. Responsible for compliance could void the user’s authority to operate this equipment. (Example- use only shielded interface cables when connecting to computer or peripheral devices).

This equipment 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.

FCC Radiation Exposure Statement:
The equipment complies with FCC Radiation exposure limits set forth for uncontrolled enviroment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

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