



RangeTAG GPS™ USER MANUAL





RangeTAG GPS USER MANUAL

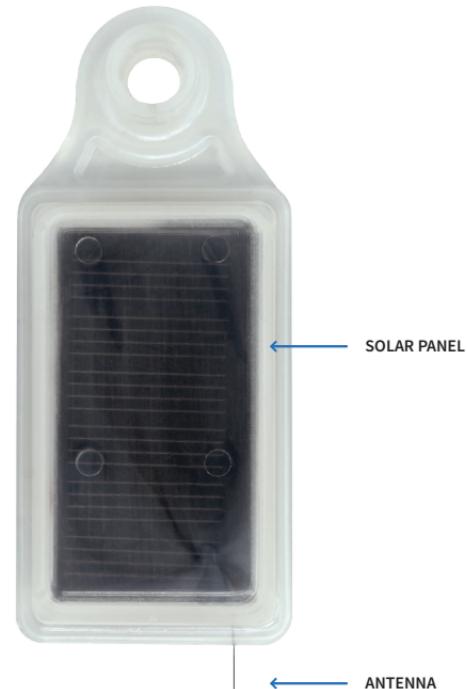
RangeTAG GPS transmits its GPS coordinates to the RangeCOMPANION™. With an energy efficient design and built-in solar charging, replacing batteries becomes a thing of the past.

See *RangeCOMPANION User Manual* for more details on the interaction between RangeTAG GPS and RangeCOMPANION.



RangeTAG GPS ATTACHES TO THE EAR

RangeTAG GPS works with most standard male button tags. The solar panel needs to be facing away from the ear to be exposed to sunlight. TAGSMYTH recommends placing RangeTAG GPS on the back of the ear for better exposure to sunlight.



SOLAR PANEL

The solar panel is located on the front of the tag. Place solar panel in direct sunlight for a **minimum of five days** prior to placing on cattle.



IDENTIFICATION NUMBER

This number is used for identification in software. The first 6 digits are the channel number. The last 4 digits are the tag id. See *RangeCOMPANION User Manual* and associated app user manuals for more information. When placed on livestock the identification number will be facing the ear. Make sure to record this number for future reference.

PRODUCT SPECIFICATIONS

RF OPERATION FREQUENCY	915 MHz
RF OPERATION RANGE*	3 - 5 miles
WEIGHT	18.2 g
BATTERY TYPE**	Lithium-Polymer (LiPo)
BATTERY LIFETIME	up to 5 years
BATTERY LIFETIME WITHOUT SOLAR	up to 2 weeks
OPERATING TEMPERATURE	0° F to 150° F
SPLASH RESISTANT	Yes
SCANNER MODE	not compatible

*Under standard conditions, line of sight. Performance varies with terrain & environment.

**Improper use or storage of LiPo battery may result in fire, personal injury, or damage to property. TAGSMYTH recommends that tags be stored at low temp (37° F to 40° F) to reduce loss of battery capacity. Do not store above 80° F.

FCC | 47 CFR 15.505

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.

IMPORTANT! Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

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.

FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance.

INDUSTRY CANADA | ICES-003

This Class B digital apparatus complies with Canadian ICES-003.

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

IMPORTANT! Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

*Important Note:
Radiation Exposure Statement:*

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

IMPORTANT! Tous les changements ou modifications pas expressément approuvés par la partie responsable de la conformité ont pu vider l'autorité de l'utilisateur pour actioner cet équipement.

*Note Importante: (Pour l'utilisation de dispositifs mobiles)
Déclaration d'exposition aux radiations:*

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Les utilisateurs finals doivent respecter les instructions d'exploitation spécifiques pour être en conformité avec les exigences d'exposition aux RF.

WARRANTY INFORMATION

RangeTAG GPS is warranted for one year (beginning from the date of shipment) against defects in materials and workmanship when used as directed. RangeTAG GPS retention is similar to standard large banner tags. Retention is not warranted unless defects in workmanship are discovered. Offspec use of the RangeTAG GPS may void warranty.

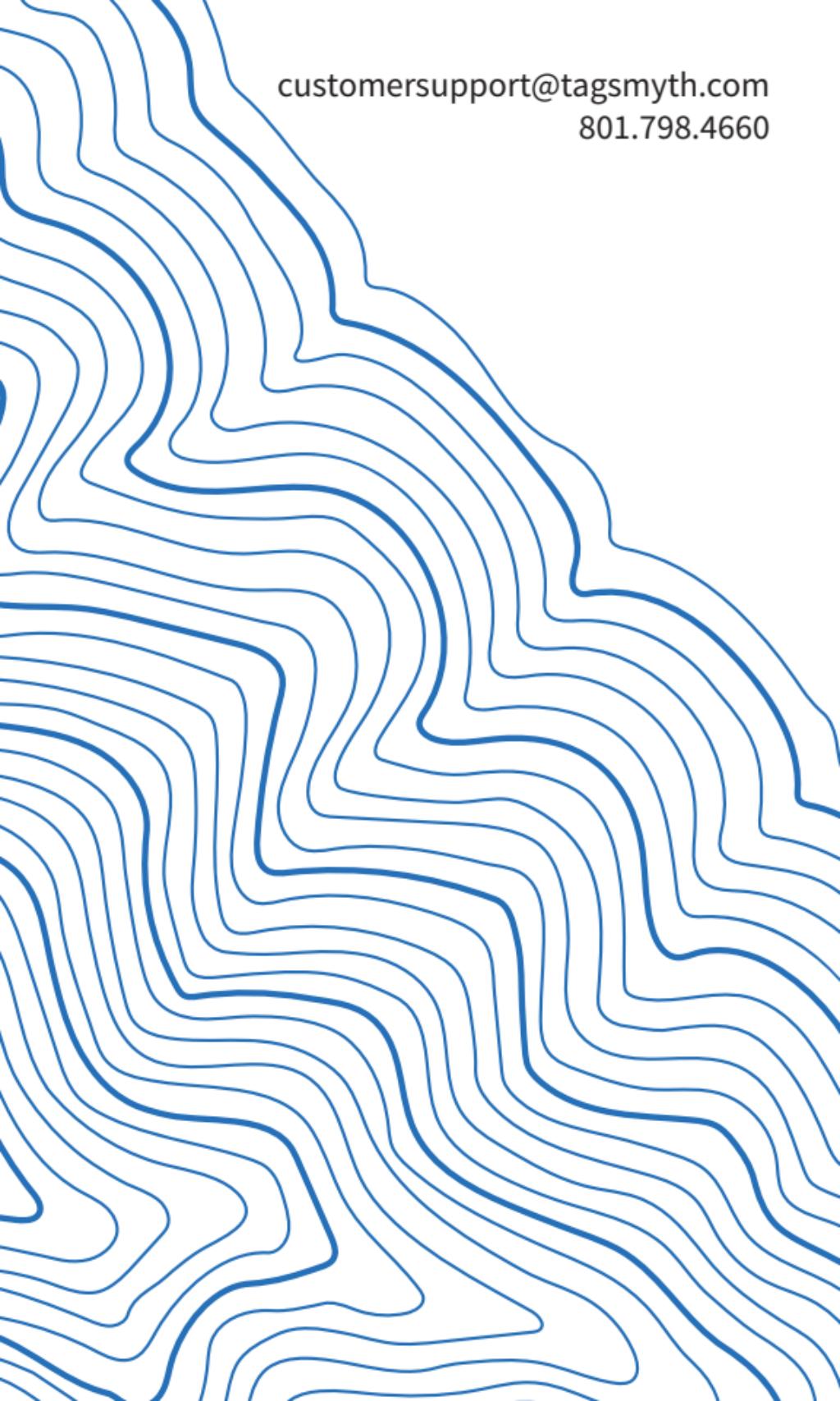
NOTICES & DISCLAIMERS

This document is provided as a reference only. Typical device specifications must be evaluated by the end-user. TAGSMYTH reserves the right to modify this document and the product it describes without notice.

RangeTAG GPS is not designed for use in weapons systems, aircraft, life-saving or life-sustaining systems, automobiles, or any other application where failure could result in injury, death, property damage, or environmental damage. In no event shall TAGSMYTH be liable for any direct, indirect, punitive, incidental, special consequential damages, to property, environment, or life, whatsoever arising out of or connected with the use or misuse of its products.

RangeTAG GPS contains LiPo batteries and must not be disposed of in fire.



The background of the image features a dense, abstract pattern of blue wavy lines. These lines are thin and layered, creating a sense of depth and motion. They curve and twist in various directions, with some lines being more prominent than others. The overall effect is a dynamic, organic texture.

customersupport@tagsmyth.com

801.798.4660