



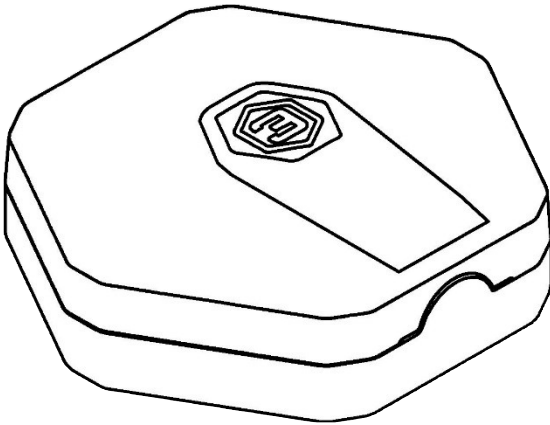
**Wireless tag
«ESCORT TAG»**

DATASHEET

Serial number S

Date D

MAC-address M



1. GENERAL INFORMATION

1.1 Wireless tag «ESCORT TAG» (hereinafter - Tag, Device, Escort TAG, BLE TAG) is designed to transmit its ID data via wireless advertising communication channel to any device that has the BLE interface or to the Bluetooth adapter BA-BLE 5.0 LR.

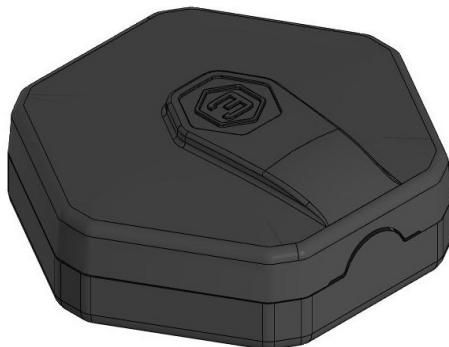


Figure 1a - Escort TAG's design Mark I and Mark II



Figure 1b - Escort TAG's design Mark III

1.2 Purpose: the Tag is designed to transmit ID data via the wireless communication channel.

ATTENTION!

DO NOT DISASSEMBLE THE DEVICE!

DO NOT USE THE ESCORT TAG UNDER THE OPERATING CONDITIONS DIFFERENT FROM THE ONES STATED IN THE ARTICLE 2 OF THE PRESENT DATASHEET!

Avoid physical damage to the Device.

2. DATASHEET

Table 1. Escort TAG technical specifications

Spec	Value
Power supply voltage, VCD	from 3 to 3.7
Power supply capacity at 20 °C, mAh	2600
Radio channel frequency, GHz	2.402- 2.480
Average power consumption for default configuration, μ A	15
Max power consumption, mA, not more	15
Data exchange output	Bluetooth LE (BLE)
Communication protocol used for Connection	Escort BLE
Advertising data packages protocol(s)	IBeacon, Eddystone-UID, Eddystone-URL
Range (under normal operating conditions in absence of interference and obstacles when working with receiver with power of 0 dBm), m	190
Operating conditions: - ambient temperature, C - - atmosphere pressure, kPa	from -45 °C to 50 84... 106,7
Ingress protection marking	IP69S
Dimensions, mm, not more than Mark I, Mark II	97 x 36 x 88 88 x 88
Weight, kg, not more than Mark I Mark II Mark III	0,21 0,18 0,35

3. SCOPE OF DELIVERY

Table 2. Escort TAG's scope of delivery

Item:	Qty	Ser.No	Note
Mark I :			
Wireless tag «ESCORT TAG»	1		
Installation kit:			
Seal	2		
Cap	1		
Seal-tech plastic seal with unique	1		
Self-tapping screws 5,5x51	6		
Sealing wire 0,8/ 600, m	0.2		
Battery fitting	1		
Datasheet	1		in electronic form
Mark II :			
Wireless tag «ESCORT TAG»	1		
Installation kit			
Seal	2		
Cap	1		
Seal-tech plastic seal with unique	1		
Self-tapping screws 5,5x51	6		
Sealing wire 0,8/ 600, m	0.2		
Datasheet	1		in electronic form

Table 2 continuation

Item:	Qty	Ser.No	Note
Mark III:			
Wireless tag «ESCORT TAG»	1		
Self-tapping screw ST 5,5 x 51	4		
Cable seal 'Multilock Cable Seal'	1		
Datasheet	1		in electronic form
<p>The manufacturer reserves the right to make changes in the product's design and in its scope of delivery without prior notice to the customer.</p>			

4 SERVICE AND SHELF LIFE, WARRANTY

4.1 Guaranteed service and shelf life of the ESCORT TAG is 12 months after the Device is shipped from the manufacturer's warehouse. The warranty does not cover the TAG's battery.

4.2 Service life - 7 years (if used with the default configuration).

4.3 The warranty does not cover any defects caused by the customer's failure to meet the operation, storage and transportation requirements.

4.4 The manufacturer guarantees that the Device meets all specifications and requirements if the user adheres to transportation, storage and operation requirements.

4.5 The Device must be stored in a heated storage room with the following conditions:

- ambient temperature from 5 to 40 °C; - relative air humidity not more than 80 %.

4.6 The storage conditions must exclude any chance of precipitations, dust, sun light or aggressive environments affecting the state of the Device.

4.7 It is prohibited to store the Device on a soil or bare ground floor.

4.8 The Device must be transported in a sealed box or other packaging of the manufacturer's choice.

4.9 Loading and unloading of the Device onto and from a cargo hold of a vehicle, train or an air craft must be executed in accordance with the safety requirements indicated on the packing. It is prohibited to toss and/or throw the Device when loading or unloading it.

4.10 ESCORT TAG must be kept away from the direct sunlight, humidity, moisture, high temperatures and UV radiation, aggressive liquids (solvents, glues), gases, dust.

5 DATE OF MANUFACTURE AND ACCEPTANCE CERTIFICATE

Wireless tag «ESCORT TAG» s/n

_____ S _____ is manufactured in accordance with the current technical documentation and is declared to be ready for use.

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6 PACKING CERTIFICATE

Wireless tag «ESCORT TAG» № ____ S ____ packed _____ in accordance with the requirements stated in the current technical specifications, datasheets and other regulatory documents.

7 ASSEMBLY, INSTALLATION PROCEDURE

7.1 The Escort TAG must be installed on a vehicle's body in accordance with the following requirements:

- the Tag must be installed far from any moving parts or mechanisms that could exercise force onto the Device and cause damage

- the Tag must be installed on an open spot far from any obstacles made of metal (or other materials capable of reflecting the Device's signal

- it is advised to use the installation kit provided along with the Device to fix it onto a vehicle or any other object

Device dimensions are provided in the Annex A.

More information about the installation, configuration and application can be found in the Device's User Manual.

8 DISPOSAL

The Escort TAG does not contain precious metals in the amount to be declared and accounted for.

ANNEX A. ESCORT TAG's dimensions

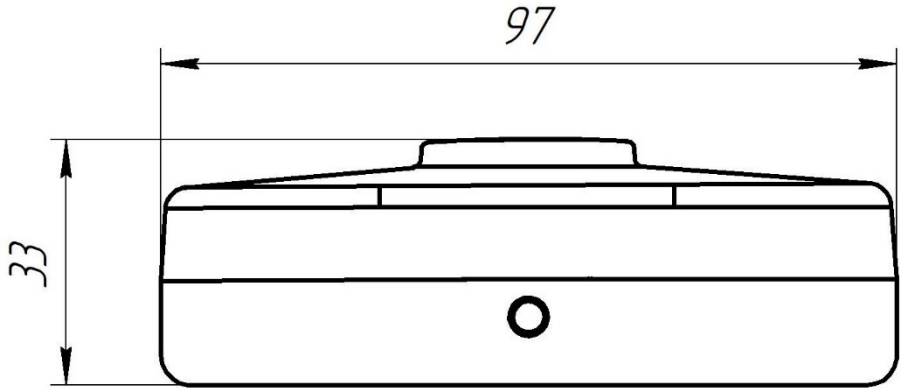


Figure A1 - Escort TAG's design Mark I and Mark II

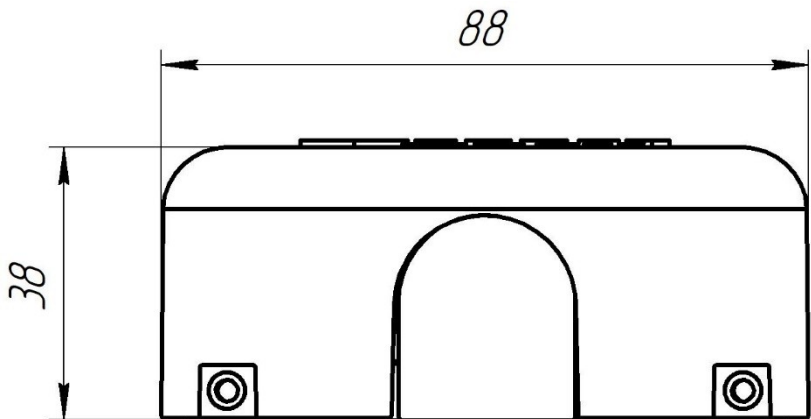


Figure A2 Escort TAG's design Mark III

Annex B. Sealing

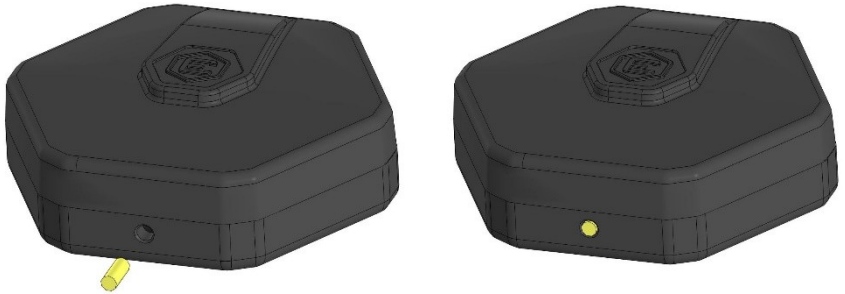


Figure B1 - Escort TAG's design Mark I and Mark II



Figure B2 Escort TAG's design Mark III

For notes