



.....
COMPLETE MANUAL
.....

Hello!

You and your pet are welcome in the Kippy Vita S world.
Before starting your Kippy Vita S, read carefully this user manual:
It will help you to use your device in the best and most efficient way.

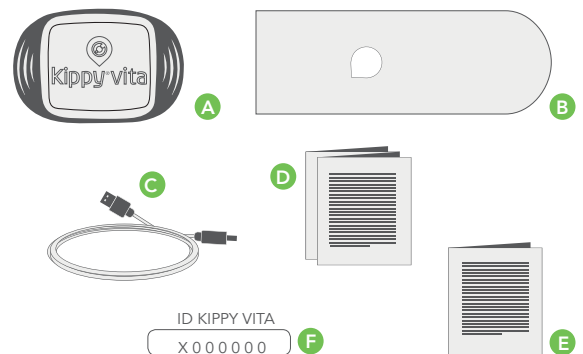
COMPLETE MANUAL

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CONTENT OF THE KIT:

- A** Kippy Vita S
- B** Band with Velcro attachment
- C** Battery charger, micro USB cable and transformer
- D** Quick Start Guide
- E** Terms and Conditions; Safety
- F** Kippy Vita ID Code



BEFORE TURNING IT ON



CHARGING

Plug the micro USB cable in Kippy Vita S and connect it to a USB port or to a power socket using the transformer. **When loading, the button has a red light up to half of the charge (<50%) and then an orange light beyond half charge (>50%). The battery is charged when the button has a green light (>90%).**

NOTE: The first time, leave Kippy Vita S under charge for at least 8 hours using a wall power socket. Then, 2 or 3 hours will be enough.

ATTENTION: If the device is plugged in to a computer, the LED will always remain red even if the charge is complete.

FIRST START-UP

START-UP

- Check that the LED becomes green before unplugging the device from the power supply cable.
- Prefer a wall socket.
- Keep the device at a correct temperature (not too high).

FAQ: My Kippy Vita S doesn't charge and the LED remains red. What should I do?
Unplug and plug the plug again. Try with a different transformer.



NOTE: The battery level on the app refers to the moment of the last updating.

DOWNLOAD THE APP OR ACCESS ONLINE

DOWNLOAD THE APP



Download the Kippy Vita free app for iPhone and iPad from the **App Store** and for Smartphone and Tablet Android™ from **Google Play**.



It requires iOS 8 or subsequent versions*.



It requires Android 4.4 or later*.

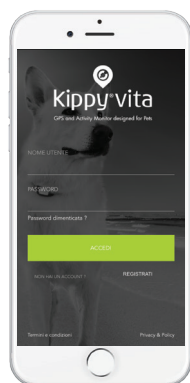
*Check on the store that you always have the most up-to-date version.



For other Smartphones, Tablets and Computers, access online to vita.kippy.eu

FIRST ACCESS

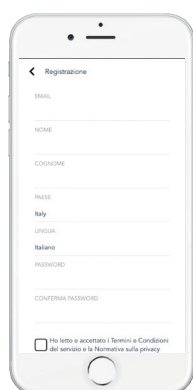
ACCESS



- Access the Kippy Vita app or the website vita.kippy.eu
- Register or log in

REGISTER

REGISTER



- Fill the boxes with the data required for registering
- We will send an email of acknowledgment to the e-mail address you have provided



ACTIVATE THE DEVICE

- Click on "ASSOCIATE KIPPY"
- Enter the code ID (F) that you find on the back of Kippy Vita S
- Enable the tracking service
- The device will be activated within one hour of the package subscription.

FAQ: I cannot register Kippy Vita S. What should I do?

For a correct registration, make sure of the following:

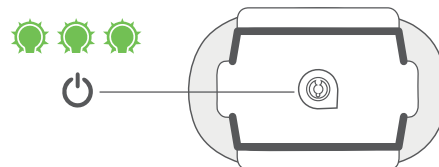
- Check that during the registration there is a steady internet connection and that all steps have been confirmed via email. If necessary, check your spam folder.
- Try a second time, waiting about 15 minutes.
- Make sure you have downloaded the right Application, called «Kippy Vita»

TURN KIPPY VITA ON AND OFF



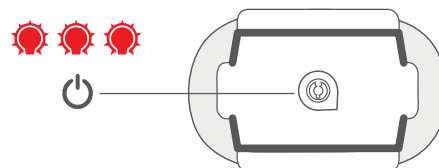
TURN ON

To turn Kippy Vita S on, press with your fingernail the button on the back for at least 3 seconds until a green light flashes three times, in the corner shown in the figure.



TURN OFF

To turn Kippy Vita off, press with your fingernail the button on the back for at least 3 seconds until a red light flashes three times, in the corner shown in the figure.



To check if Kippy Vita S is on or off, quickly press the button: if it is on, it will flash three times a green light; if it is off, the flashing light is red.

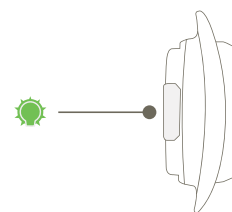
Type of light /flash	Description
3 green flashes	Kippy Vita S is on
3 red flashes	Kippy Vita S is off
The green LED flashes slowly	Connecting to the GPRS network
The green LED flashes quickly	Data transfer to the server
Orange light flashing every 5 seconds	GPS acquisition attempt
Fixed green light (if connected to the charger)	Battery charging is completed
Fixed red light (if connected to the charger)	Battery with a charge lower than 50%
Red light flashing every 5 seconds	No GPRS network available
Quick red flashing	Connection to a low voltage source

FIRST CONNECTION TO THE NETWORK

SIGNAL



When you turn Kippy Vita S on, the button flashes a green light for 3 consecutive times. When the green light flashes quickly, it means that Kippy Vita S is connecting to the app. Check on the app that the “Last Updating” is recent.



RECEPTION AND FIRST GPS POINT

For a fast and optimal reception of the Kippy Vita S GPS signal, use it with the logo facing upwards on a collar or a bib.

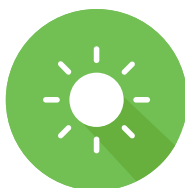
Usually, in closed or thickly covered spaces, the GPS cannot receive or receives inaccurate positions. If there is no GPS signal, Kippy Vita S will report an indicative area (LBS).

Kippy Vita S has the A-GPS (assisted GPS) technology to ensure faster GPS localisation. The first localisation may take up to a few minutes, the subsequent ones will be faster. Weather conditions, battery charge, and signal coverage will affect the acquisition time.

IDEAL CONDITIONS FOR A PERFECT OPERATION OF THE GPS TRACKING:



Open spaces



Good weather conditions



Fair telephone network coverage



Installation on the harness with the logo facing upwards

It is important to know that in densely populated areas, the position could be more inaccurate than in open spaces.

The time to receive the location of your pet on your app is the sum of the transmission time and the time necessary to track the GPS signal; on average, which may range from a few seconds to 5 minutes.

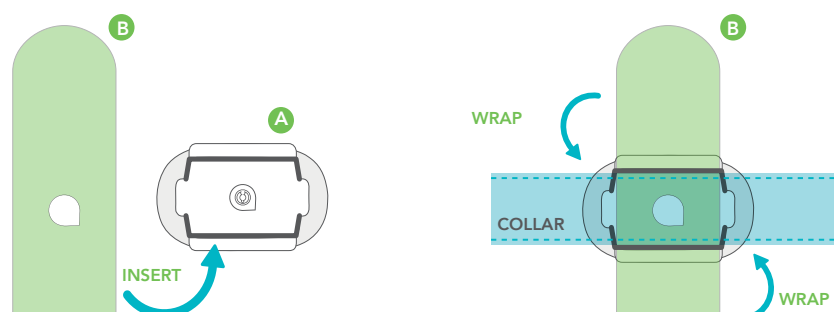
N.B. the GPS is designed for outdoor use and within covered areas, it might not be able to receive or it might indicate inaccurate locations.

HOOKING TO THE COLLAR

HOOKING

Slip the Velcro band (B) under the metal hook of Kippy Vita S (A).

Wrap the Velcro band (B) around the collar of your pet.



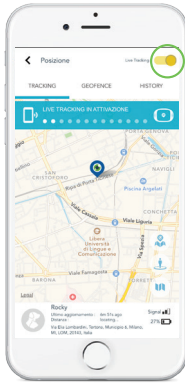
LIVE TRACKING

You can activate Live tracking by clicking on the button in App.

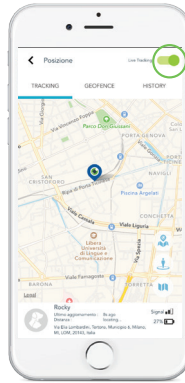
The function takes on average 1-2 minutes to activate and issue positions on the app.

During the live tracking, Kippy Vita communicates a position to the app every 3 seconds.

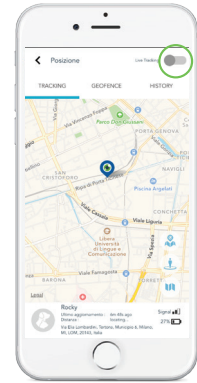
If you don't turn it off manually, the live tracking remains active for 5 minutes after closing (or putting in the background) the app.



Activation



On



Off

FAQ: : I tried the live-tracking in some areas, but the button doesn't turn green. Why?

Kippy Vita S could be in an area not covered by the telephone network. However, Kippy is usually active also in areas with a low range and goes in roaming on all main operators.

The GPS signal is too weak. You are in a partially covered area (city canyons, thick bush) or in totally closed spaces. Kippy Vita S will try to get the signal and it will issue an LBS position given by the triangulation of the telephone cells. The app will display a circle within which there is your pet.

Kippy Vita S is off. In this case, it will not even display the LBS position. It might be turned off by manual pressure of the button or because the battery is dead.

ARROW TRACKING

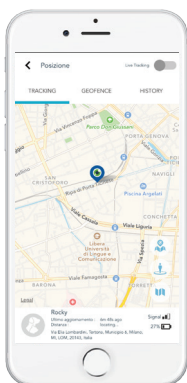


fig.1

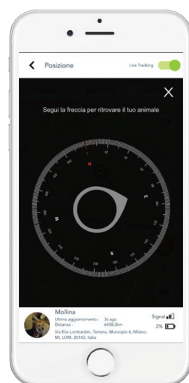


fig.2

The arrow tracking function is available only when the live tracking function is enabled; conversely, the button will not be visible.

The function will indicate the location where your pet is (fig. 1) by means of a blue arrow (fig. 2) - pressing the button - or also through the arrow that moves inside the button (without pressing the button).

The more your pet gets closer, the more the wedges inside the arrow will fill up.

When your pet is at less than 30 m, the arrow disappears to make room for a note reporting that you have reached your pet.

FAQ: The arrow/compass does not move.

Check that your smartphone has a magnetometer. The Apple devices surely have a magnetometer, as well as the Android devices in the medium and top range.

Where do I find the arrow tracking? I can't find the start button:

Proximity can be used once you have acquired the GPS signal in Live-tracking mode.

FAQ: The arrow and the compass have a poor reaction and loose the position

The arrow precision and sensitivity depend on the quality of the magnetometer installed on your smartphone. Usually, the Apple magnetometer is better than the Android one. To optimize the magnetometer, adjust it by drawing 8 in the air a few times, especially after the smartphone has been in contact with metal bodies (e.g. coins).

GEOFENCE (VIRTUAL FENCE)

This function allows you to set virtual boundaries around your pet. When your pet leaves the virtual fence, your smartphone will warn you.

To enable the geofence, follow the instructions here below.

1 – CREATE THE AREA

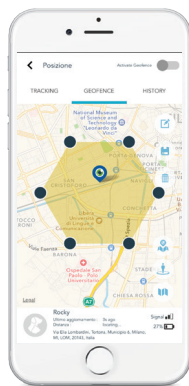
You can create an area the way you like

2 – SAVE THE AREA

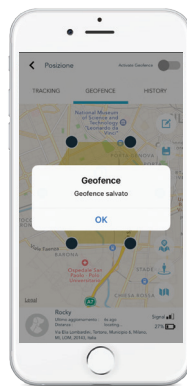
Once you have created an area, save it

3 – ENABLE THE GEOFENCE

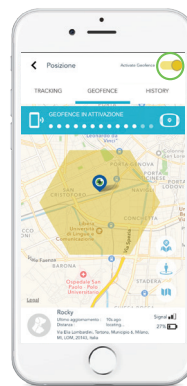
When the function is disabled, the button is gray; when it is loading, the button is orange; and when it is enabled, the button is green.



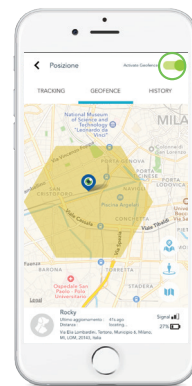
Create the area



Save Geofence



Enable



Access

HOW TO DESIGN IT?

Click the "create geofence" button on the upper right corner of the map.
Press and drag by holding the button, the dots of the geofence pentagon to change its shape.

N.B. It is not possible to create a fence with a diameter of less than 50 m.

N.B. Kippy must be inside the geofence to be enabled

N.B. If the button remains yellow for a long time and the procedure is not completed, it means that the GPS signal is weak and Kippy is not sure that your pet is inside the virtual fence, or that Kippy Vita S can't be reached. Therefore, the procedure is automatically terminated.

FAQ: I have followed all the instructions, but I don't receive the exit warning. Why?

Usually, all notifications are delivered within 5 minutes after leaving the area. If this doesn't happen, check that:

- The reception on your smartphone is enabled.
- You have set up the geofence correctly and the button is green, hence active.
- That your pet has not left the boundary and returned before its movement is notified.

I receive the warning after a few minutes that my pet has left the Geofence.

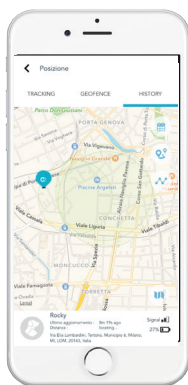
In order to avoid false alarms, Kippy checks again the exit several times before confirming it and giving the alarm. This procedure takes from 3 to 5 minutes.

Is there warning a sound?

It depends on the settings on your phone.

What happens after I receive the alarm of exit from the geofence?

Kippy Vita automatically activates the live tracking mode, so you will be able to track your pet faster.



HISTORY

With the History function, you can see the record of your Kippy Vita S positions. The GPS points are represented by blue pins and ordered by date. By clicking on a pin, you will display the date and time when that tracking took place. The LBS points (tracking by phone cells) are represented by transparent green circles in which your pet has been for sure.

TRACK DISPLAY

By clicking on the calendar button and selecting a date, you can see the locations in that specific day. The display of the locations can be with a trail or by single points.

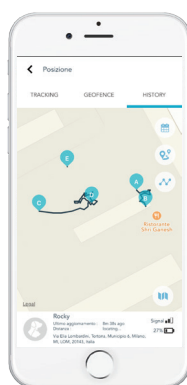
Display with a trail: consolidates in a trace the GPS points that are close in time. The trail is defined by two letters that mark its start and its end.

Display by single points: the GPS points are displayed and numbered in chronological order. To prevent processing problems to the smartphone in the case of a high number of points (hundreds), the display will be blocked.

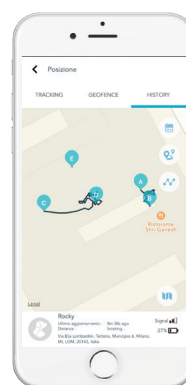
However, you can see the complete history of the GPS points on the web app vita.kippy.eu



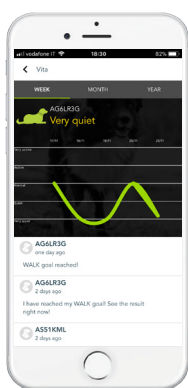
Calendar



Trail Display



Display by points



VITA

In the life section, there is a chart about your animal's activity level. The graph is updated every day (based on the last update sent by the device). In the Vita section you will also find the history of the messages that your four-legged friend will send you according to the activities that your Kippy Vita S records.



ACTIVITY TRACKING

When Kippy Vita S is on and attached to your pet, it will record its activities by means of an algorithm developed in collaboration with the Faculty of Veterinary Sciences of the University of Bologna. The algorithm is continuously updated so as to obtain an ever increasing number of information and a higher accuracy for over 400 animal races.

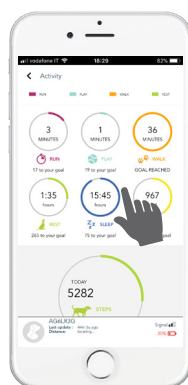
N.B. For a correct operation of the activity, it is important to properly fill out your pet's profile with all the required information.

ACTIVITY TRACKING – ACTIVITY HISTORY

It is possible to consult the activity data record day by day by swiping the data list and scrolling through the dates.



Day

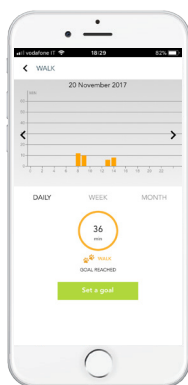


Week



Month

ACTIVITY TRACKING - ACTIVITY GOAL



According to your pet's profile, Kippy Vita S calculates goals for a correct and healthy daily activity. If you wish to change the goals, you can access every single activity and set a goal.

LIFE OF THE BATTERY



How long does the battery last?

The battery duration changes according to its use, to the range level in the area of use, and to the settings of the app. The average standby time is 10 days.

To extend the battery life as much as possible, you can:

- Decrease the updating frequency up to 24 h (you will find the control in the Pet Profile).
- Disable the GPS during automatic updating; However, during the live tracking, the GPS will keep on working <http://vita.kippy.eu> (you will find the control in the Pet Profile).
- Interrupt the live tracking when it is no longer needed.

UPDATING FREQUENCY

UPDATING

By entering into your pet's profile, you can decide the frequency of the Kippy Vita's connection and downloading of the activity data, the battery charge level and a single location. The higher the frequency, the higher is the battery consumption.

You can also choose if you want to receive a GPS location with every connection (higher consumption) or just an LBS position (lower consumption).

ELECTRONIC EMISSIONS

EMISSIONS



Kippy Vita is a device with a technology comparable to that of a cell phone. However, its emissions are usually lower because

- 1) The significant moments of transmission to the net regards only the live tracking mode;
- 2) It is never in audio reception, which is the moment of highest emission;
- 3) In certain uses (geofence), it is not even recorded by the network, hence the emissions are close to zero.

Kippy Vita S complies with the RE-D directives and the SAR limits.

The allowed limit is 2W/kg and Kippy Vita S falls within this requirement. The maximum SAR value registered for GSM 1800 is 1.316 W/kg.

LBS TRACKING

LBS



What is the LBS location?

Kippy Vita uses the LBS (location based service) position when there is no GPS signal.

Usually, the radius is between 300 m and 2 km and is obtained through the triangulation of telephone cells. The more the cells, the lower the radius.

If Kippy Vita is on, when you open the app, the latter starts immediately to search for its LBS position.

When the position is estimated, it is highlighted on the map by a fixed green circle with the words "Your pet is in this area".

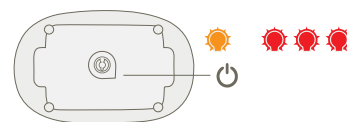
This is possible also in covered spaces. The pet position is, for over 95% of the cases, inside the circle and with higher probabilities towards its center. The LBS location works also in covered spaces.

DEVICE MANUAL RESET

RESET



If Kippy Vita S stops working properly and you want to reset it, press with your fingernail the button on the back for at least 10 seconds until a single orange light appears: stop pressing the button, when the orange light shuts off. By pressing the button, the device will turn on again, and the device will first connect to the network and update. This process may take a few minutes.



MAINTENANCE

MAINTENANCE

THE BATTERY AND ITS USE

The Kippy Vita S device is powered by a rechargeable lithium-polymer battery. To prevent malfunctioning or damages, follow these instructions on the use of rechargeable batteries:

- 1) Do not remove or replace the original battery
- 2) Do not expose the device to heat sources to avoid irreparable damages to the battery and to the circuits.

DISPOSAL

Batteries pollute. If you want to dispose of your Kippy Vita S, follow the local provisions and ask your city council.

TEMPERATURES

When charging, you should not expose Kippy Vita S to temperatures lower than 0°C or higher than 45°C. During normal operation, do not expose Kippy Vita S to temperatures lower than -10° or higher than 45°C. Exposing Kippy Vita S to temperatures too cold or too hot could compromise the battery's efficiency or cause the deformation of the components.

SAFETY

ELECTROMAGNETIC COMPATIBILITY

The magnetic fields nearby Kippy Vita S may cause disturbances to the transmission of data and should be avoided to prevent malfunctioning or damages to the device.

RISKS FOR CHILDREN OR IMPAIRED PERSONS

The use of Kippy Vita S is not suited for children or people with physical, mental and sensorial problems. In such cases, we recommend the supervision of a person responsible for their safety and trained in the use of the device.

NOTE – NATIONAL LAWS ON GPS TRACKING

Some Countries may have a restrictive legislation on the GPS tracking of people, animals or things. The user is the only one responsible for complying with the local laws on this subject.

SAFETY TIPS

Although Kippy Vita S is small and light, it could be unsuited for small animals (less of 5 kg of weight) or with unsuited health conditions. In case of doubt about its use, ask your veterinary.

FIRMWARE UPDATING

When Kippy Vita S is connected to the wall outlet and exceeds 50% of charge or reaches 90%, it connects to the Server to synchronise the data and check if a more recent firmware version is available. In these cases, Kippy Vita S light will glow red/orange every 3 seconds during the download phase and red quickly during the installation phase.

DO NOT DISCONNECT THE DEVICE FROM LOADING DURING THIS PHASE.

At the end of the update, the light will go back to the colour that indicates the level of charge reached.

CUSTOMER SERVICE

Our customer service is active from Monday to Friday 09:30 - 18:30 at the following number: **+39 02 4543 5811** or at the e-mail address: **customercare@kippypet.eu**

We answer to assistance requests as soon as possible and according the acquired priority.

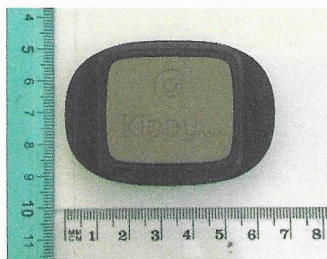
N.B. We will not consider practices or replacement requests for the following cases:

- Kippy Vita S lost
- Kippy Vita S damaged for bad use
- Cooling-off period for a purchase at a point of sale
- Replacement request without the customer service authorization.

For complaints, advice or collaboration requests, you can write to: **customercare@kippypet.eu**

EU DECLARATION OF CONFORMITY

- 1 **Kippy Vita S** (product name)
- 2 Kippy srl, via Lombardini, 10 20143 Milano - Italy (manufacturer, address)
- 3 This declaration of conformity is issued under the sole responsibility of the manufacturer
- 4 Kippy Vita S Rev.5



- 5 The object of the declaration described above is in conformity with the relevant Community harmonisation: European Directive 2014/53/EU (RED)
- 6 The conformity with the essential requirements of the 2014/53/EU has been demonstrated against the following standards:

Article of Directive 2014/53/EU	Specifications/Standards
Article 3.1(a): Electrical safety	EN 60950-1:2006+A11:2009+A1:2010+A12:2011+AC:2011+A2:2013
Article 3.1(a): EMF Exposure	EN 50566; EN 62209-2
Article 3.1(b): EMC	EN 301 489-1:V2.1.1; Draft EN 301 489-19:V2.1.0 ; Draft EN 301 489-52:V2.1.0 ; EN 61000-3-2 :2014 ;EN 6100-3-3 :2013
Article 3.2: Radio spectrum use	EN 301 511 V9.0.2;EN 303 413 V1.1.1

- 7 The conformity assessment procedure referred to in Directive 2014/53/EU has been followed with the involvement of the following Notified Body:

DEKRA Testing and Certification, S.A.U., Parque Tecnológico de Andalucía, C/ Severo Ochoa nº 2, 29590 Campanillas - Malaga

Spain, Notified Body No: 1909

and issued the EU-type examination certificate: 53954RNB.001

Thus, **CE** is placed on the product

- 8 The Technical Documentation (TD) relevant to the product described above and which supports this Declaration of Conformity, is held at: Kippy srl, via Lombardini, 10 – 20143 Milano – Italia

Signed for and on behalf of Kippy srl

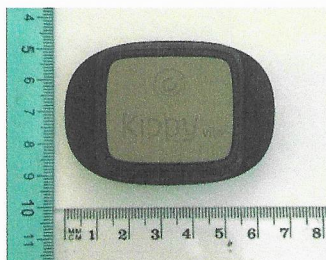
Milano, **28/09/2017**



Notified Body No.: 1909

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- 4 Kippy Vita S Rev.7



- 5 The object of the declaration described above is in conformity with the relevant Community harmonisation: European Directive 2014/53/EU (RED)
- 6 The conformity with the essential requirements of the 2014/53/EU has been demonstrated against the following standards:

Article of Directive 2014/53/EU	Specifications/Standards
Article 3.1(a): Electrical safety	EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013
Article 3.1(a): EMF Exposure	EN 50566: 2013
Article 3.1(b): EMC	EN 301 489-1:V2.1.1; Draft EN 301 489-19:V2.1.0 ; Draft EN 301 489-52:V1.1.0
Article 3.2: Radio spectrum use	EN 301 511 V9.0.2;EN 303 413 V1.1.1

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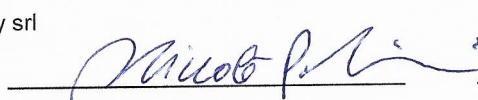
and issued the EU-type examination certificate: 55071RNB.001

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Signed for and on behalf of Kippy srl

Milano, 11/10/2017

 **Kippy™ srl**

Notified Body No.: 1909