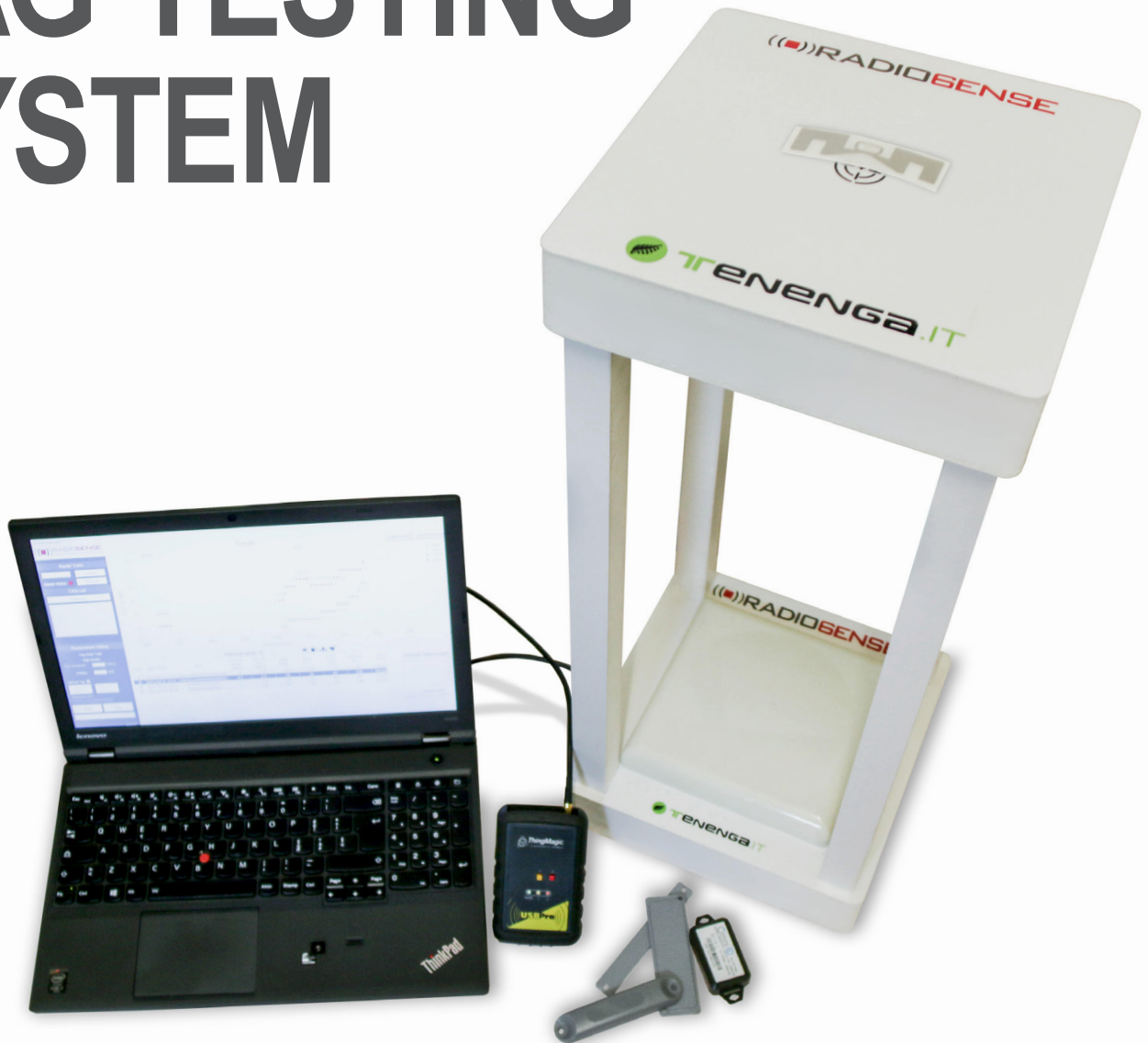


TAG TESTING SYSTEM



Tag Testing System is a complete, portable and inexpensive kit that allows you to evaluate in real time the functionality and the performance of passive UHF RFID tags. Practical, light and functional, the kit includes a query module and a graphical user interface for acquisition of data, which can be exported in PDF or Excel format.

TAG TESTING SYSTEM ENSURES QUALITY AND RELIABILITY OF YOUR IOT PROJECTS, FACILITATING:



RESEARCH AND DESIGN OF TRANSPONDERS AND SMART LABELS



DEVELOPMENT OF POC AND EVALUATION OF TAG PERFORMANCE IN THE FIELD



CHOICE OF TAGS FOR ITEMS ELECTRONIC LABELING

The Tag Testing System was developed by RadioSense and is distributed by Tenenga

Tag Testing System is a solution to verify in real time the functionality and performance of passive and semi-passive UHF RFID tags by processing, with an ad-hoc algorithm, the signals exchanged between tag and reader during communication.

The system, consisting of a reader, an external antenna and dedicated software, evaluates the ignition power of the tag for each operating frequency (1 MHz step) in the ETSI band (865 -868 MHz) and FCC band (902-928 MHz).

THE KIT CONTAINS

- 1 RFID reader
- 1 USB Micro-B connector for interconnecting the RFID reader with a PC
- 1 cable for interconnecting the RFID reader with the external antenna
- 1 antenna MT-242025 865-956 MHz 7.5dBic
- 1 folding easel
- The control and visualization software: **TTSLab***

 GRAPHIC INTERFACE

 DATA EXPORT IN PDF

 DATA EXPORT IN EXCEL

SYSTEM REQUIREMENTS OF THE HOST PC:

- At least 1 GHz processor
- 1 GB of RAM
- Microsoft .NET 2.0 runtime or later
- Monitor resolution 1600x900 or higher
- Microsoft Windows Vista / 7/10 (64 bit)

- Possibility of customizing the kit (on demand)
- “Full” version of the kit with anechoic wall



***TTSLab** is the processing software that activates the interrogation of the environment and lists all the tags detected in the surroundings with the corresponding EPC code, measuring the respective ignition powers in real time. The data is represented through a simple and intuitive graphic interface.



via S. Quasimodo 40 - 40013 Castel Maggiore (BO) Italy
 phone +39 051 0397133 | fax +39 051 0397129 | contact@tenenga.it
www.tenenga.it

Tenenga Srl is a system integrator specialized in development and implementation of automatic identification solutions. Tenenga’s professionals have over 30 years of experience, with skills that cover the entire service chain.



via della Tenuta di Terranova 142 - 00133 Rome (RM) Italy
 phone +39 06 87930318 | info@radio6ense.com
www.radio6ense.com

Radio6ense is a spin-off of University of Rome Tor Vergata operating since 2013 as a highly specialized technology developer of customized RFID devices and solutions for sensors in the Industrial Internet of Things.