

Tracking & Managing Densely Packed Items



Overcome RFID's high density coupling issues in your track & trace item-level applications

TAGSYS' RFID DIFFERENTIATOR:

- Unique UHF magnetic technology performance in tracking & tracing densely packed items.
- 100% read rate for 100 RFID tags just 3mm apart from one another.
- 100% success read rate in static read situations.
- Excellent read accuracy in well defined read zone (controlled UHF leakage).

In situations where a large number of relatively small footprint items, densely packed together, has to be processed through a supply chain, RFID technology can be challenging as tags proximity induce a coupling effect which significantly diminishing read rates.

In response to a growing demand from our customers, TAGSYS provides a complete and reliable RFID infrastructure guarantying high levels of performance in identifying and tracing items closely packed together, with high throughputs and in challenging environments.

OVERCOMING THE LIMITATIONS OF RFID IN DENSELY PACKED ENVIRONMENTS

The 'shadowing' or 'coupling' effect in RFID occurs when multiple tags are placed very close to one another and the tag antennas 'hide' or 'detune' each other, thereby reducing the chance of obtaining the required optimized read rate.

TAGSYS' unique expertise in RFID and the Company's advancements in UHF (ultra high frequency) magnetic technology have enabled us to greatly alleviate this problem, while providing a tightly controlled RFID read zone optimized for item-level reading of densely packed assets.

Our systems are based on years of unmatched expertise in UHF RFID technology and on our guaranteed system's performance offering unequaled 100% read rates with our reader platform in high density environments.



ADDRESSING A MULTITUDE OF APPLICATIONS

TAGSYS RFID infrastructure addresses a variety of applications for small item level tracking and densely packed cases or boxes, such as the tracking and management of legal documents and files (i.e. passports), spare parts and electronics in small blisters.

DENSELY PACKED ITEM TAGGING



To quickly and cleverly demonstrate the implementation of an RFID-based system for the tracking and management of densely packed items, in cases, stacks or bulk, with optimized read performance:

Order your **KIT-4-Stacked-Items** for only: **€3799**
US \$5499

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TAGSYS provides complete, reliable, high performance RFID infrastructure systems for item-level tracking in a variety of industries.

Our unique RFID expertise, combined with a true understanding of RFID business processes, makes us the ideal RFID partner to ease and ensure the success of your project.

More information can be found at:

www.tagsysrfid.com

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- All in one (samples & equipment)
- Easy to install
- Easy to use

Contact us at: rfidkit@tagsysrfid.com

KIT CONTENT:

- 50 RFID-enabled booklets (3mm thick)
- 50 RFID-enabled small sleeves
- 100 RFID-enabled small industrial blisters
- 50 AK-TAG UHF samples on a roll
- UHF Reader
- UHF Antenna
- Handheld Portable UHF Reading Station
- Demonstration Software (Windows® XP, Vista, 7)

UNIQUE SMALLEST SIZE
UHF TAG ON THE MARKET



TECHNICAL SUPPORT:

By following the step-by-step instructions featured in the Installation Guide included in the KIT, the user will learn all necessary skills needed on RFID technology and its use with densely packed items.

TAGSYS RFID™
e-connecting goods