KTS RFID
Reading Devices

Complete RFID Solutions
for Laundry, Hospitals, Hotels

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kts-rfid.com

The KTS RFID Reading Devices are designed and produced as functional components of the KTS Cloud RFID Management System.

The versatility of our KTS RFID Reading devices also allows their use by units that already have their own ERP Laundry Management System, which means that they can be configured and provided independently and be integrated with other software applications.

All the KTS RFID Reading devices are designed and produced following a long period of time of research and testing in the real laundry work environment.

KTS RFID Reading Devices

kts-rfid.com/reading

KTS UHF RFID
Reading Conveyor

An KTS UHF RFID Reading device designed to read textile articles on their flow in the Laundry, yet also in Laundry's Reception and Delivery areas.

Reading Frequency:
860-960 MHz

Dimensions:
200 x 140 x 100 cm
Weight: **50 kg**

Tags Standard:
**UHF EPC Global Class 1Gen 2
and ISO 18000-6C**

- Our newest RFID Reading Conveyor operating in UHF, providing extremely precise readings.
- Remarkable accuracy of the RFID readings due to the spatial geometry of the electromagnetic field with precise and settable reading.
- Enables the possibility to work both online and offline, developing an incredible reading accuracy.

- The performances of the KTS UHF RFID Reading Conveyor, together with the KTS RFID tags performances, allow its integration in applications for the identification and traceability of items with high levels of humidity level (of up to 200%).
- Information locally available, displayed on the touchscreen the reading device is equipped with.

KTS UHF RFID Reading
Gate & Frame

A fixed KTS RFID Reading device designed to read textile articles in laundry trolleys.

- Professional, robust, elegant, and the first fully configurable RFID Reading Device.
- Configurable from construction - it gives the possibility to be set up following the available space in which it is to be placed.
- Full control over the mis & stray reads from its simplest to the most complex configuration.
- It gives the possibility to work both online and offline, developing an incredible reading accuracy.

- Versatile, enabling, among the outstanding reading performances, cost adjustments.
- Information is locally available, being displayed on the touchscreen the reading device is equipped with.

Reading Frequency:
860-960 MHz

Frame Dimensions:
100 x 130 x 210 cm
Weight: **100 kg**

Tags Standard:
**UHF EPC Global Class 1Gen 2
and ISO 18000-6C**

KTS UHF RFID
Reading Station

A KTS RFID Reading device, part of the KTS Cloud RFID Laundry Management System, designed to fulfill several roles within the textiles flow in a Laundry such as integrating the textiles in Cloud, Sorting or Inventory.

- Robust & resistant fixed RFID Reading Device.
- Full control over the mis & stray reads.
- It gives the possibility to work both online and offline, developing a well-defined settable reading area in open spaces.
- Information is locally available, being displayed on the touchscreen the reading device is equipped with.

Reading Frequency:
860-960 MHz

Dimensions:
120 x 75 x 80 cm
Weight: **50 kg
(Stainless Steel frame/
Aluminium frame)**

Tags Standard:
**UHF EPC Global Class 1Gen 2
and ISO 18000-6C**

KTS RFID
Handheld Reader

The KTS RFID Handheld Reader is a component of the KTS Cloud RFID Laundry Management System, used for the identification and traceability of textiles, especially in the circuit between the laundry unit and its customers.

- Operating in Ultra-High Frequencies (UHF): 865-868 MHz ETSI; 902-928 MHz Global.
- Outstanding performances when used in conjunction with original KTS RFID tags – reaching a read distance of up to 10 m.
- Robust construction, resistant to shocks, dust, water.
- It can be equipped with 2D optical reader equipped, and a Bluetooth communication interface, for phones running Android or IOS.

Reading Frequency:
860-960 MHz

Dimensions:
16 x 7.7 x 16.9 cm
Weight: **375 g**

Tags Standard:
**UHF EPC Global Class 1Gen 2
and ISO 18000-6C**