Voice Technologies

topsystem
OPTIMIZING PROCESSES

topsystem Systemhaus GmbH - Your Partner in Aviation and Logistics

VOXter®-RFID

Next Generation RFID Reader!

NEW!

Ergonomic and extremely robust

www.topsystem.de

VOXter®-RFID

Next Generation RFID Reader!

In the manufacturing and retail industry, and especially in logistics, RFID technology is gaining significant value. The advantage of this new technology is clear: Through the use of RFID (Radio Frequency Identification), data can be captured and stored via radio recognition. This allows for the simultaneous capture of multiple data types about articles or shipments, which is then forwarded immediately to the supply chain management system.

Special importance is attributed to RFID technology when sensitive and dynamic product information has to be comprehensively documented: best before dates, specific ingredients or storage temperature for example are important criteria for many industry branches; from food and chemicals, up to the pharmaceutical and spare parts industries.

With the VOXter-RFID® topsystem introduces a high-performance, mobile RFID reader, which is optimally suited for everyday use in any warehouse environment. The robust, shock-resistant cover of the VOXter®-RFID reliably protects against dust, dirt and humidity. The device is small and compact and can be worn comfortably on the back of the hand. Thus, the VOXter®-RFID integrates smoothly into the workflow and is ideally suited for the use with voice applications (Pick by Voice), since the picker works “hands and eyes free”.

Through the combined use of the VOXter®-RFID and an intelligent Pick by Voice application like topSPEECH-Lydia®, all the advantages of paperless picking are optimized. The VOXter®-RFID not only speeds up the picking process, it also helps to reduce error rates to a minimum and guarantees high shipping accuracy and quality. Therefore, the combination of RFID / Pick by Voice is specifically in demand when speech-based picking has to be optimized even further in order to reach higher levels of reliability, quality control and extended data capturing.

Pick by Voice in combination with RFID

- **Extended data capture**
- **Complete documentation of sensitive and dynamic data**
- **Acceleration of the picking process**
- **Higher reliability and improved shipping quality**

Product Profile:

RF-Frequency:
125 kHz EM4102
125 kHz Atmel / Temic 555x

Transmission:
Continuous or single output mode

Reading distances with internal antenna (for 125 kHz):
Tag with 20 mm coil: 50 mm
ISO card with 50 mm coil: 90 mm
Half shell card with 65 mm 40 mm
Coil: 110 mm

Bluetooth specification / profile:
Ver 2.0 / SPP

Frequency / transmission performance:
2,4 Ghz / 0dBm Type (class 2), 25 m

Acoustic signals:
Low battery, positive scan acknowledgement

Indicator (LED):
Charging, warning in case of low battery capacity, operating function

Measurements / Weight:
approx. 79 x 62 x 42 mm / 130 g

Working environment:
Working temperature up to 50°C
Storage temperature up to 55°C

Power / Operating Time:
Battery 3,7 V, 2.400 mAh Lithium-Ion/ 22.250 Scans

topsystem
OPTIMIZING PROCESSES

topsystem Systemhaus GmbH
Monnetstrasse 24 / 52146 Wuerselen / Germany
phone +49 2405 46 70 0 / fax +49 2405 46 70 10
www.topsystem.de / info@topsystem.de