

H-BEC-0020 RFID Cube

The Ideal Solution for High Density RFID Tag Interrogation

The H-BEC-0020 cube is especially designed to address the problem of instantly and reliably identifying en-masse RFID tags of numerous objects densely packed in (sealed) boxes made of RF lucent material and is ideal for fast and error-free checking of goods to be sent or received

Description

The H-BEC-0020 RFID cube has been engineered to provide a solution to high tag density interrogation issues in a single, rugged package. Its robust construction and refined design ensure that it is ideal for use in the retail sector, as well as in industrial environments.

The appliance houses a RFID reader and four antennas, enabling fast and accurate item-level identification independently of orientation in a faultless and timely manner. Moreover, the appliance's RF shielding prohibits undesired readings (i.e. of items outside the cube).

Fast & Easy Installation

This RFID cube is really easy to install and maintain. Also, the all-in-one configuration of the system and its detachable legs that are equipped with appropriate wheels and brakes allow its easy transportation.

The H-BEC-0020 is a plug-and-play device which:

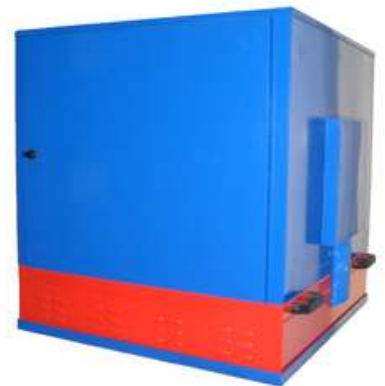
- Can be easily integrated with third party applications through a comprehensive **Application Programming Interface (API)**
- Can form part of an integrated system through the **Business Effect RFID Software Suite**, the comprehensive range of shrink-wrapped RFID enabled applications that bridge the gap between RFID based data collection hardware and central enterprise systems (ERP, WMS, CRM, etc)

RFID Reader

- Reader: Alien ALR-9900+ Enterprise RFID Reader, EPC Gen 2, ETSI compliant
- Antennas: ALR-8610-AC circular, polarized, 5.5 dBiL, multi-orientation antennas
- Communications: Serial, LAN

Main Characteristics & Business Benefits

- Robust construction, suitable for any environment
- Fast and accurate en-masse reading of RFID tags without opening sealed boxes
- Customizable dimensions to meet customer special requirements
- Fully functional, ready to use middleware & GUI applications, for seamless integration into existing IT infrastructures and systems
- Flexible functionality, capability to quickly and efficiently generate new turn-key solutions
- Integrated digital I/Os, relays and power supplies
- Optional I/O sensors, horn and light stack for highly intuitive user interface and more effective interaction with operators
- Optional wireless LAN to avoid sensitive cabling in adverse environments



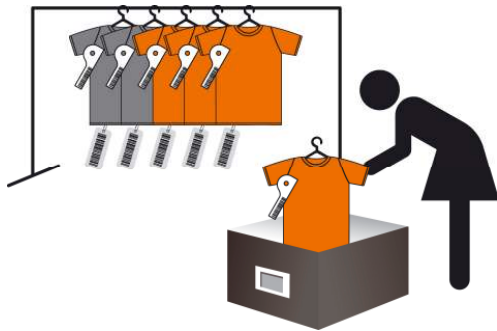
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Optional Features

- Signals: 3 color light stack, horn for sound alarm
- Security: UPS
- Sensors: Door sensors
- Communications: WiFi connectivity
- Transportation: 4-wheel detachable mounting frame with brakes

Applications

- Clothing & Shoe Industries
- Pharmaceutical Industries
- Bookstores & Libraries
- Retail Shops
- Retail Distribution Centers
- etc



Technical Specifications

- Ext. Dimensions (HxWxL): 800 x 820 x 830 mm (standard)
- Power Requirements: 220V AC, 50Hz
- Motor: 0,12 hp – 40 kg (standard)
- RFID reader: Alien ALR-9900+ Enterprise RFID Reader, EPC Gen 2



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