

PRODUCT DATASHEET



AI802 ACUBE UHF RFID SMART BOX

Acube smart RFID box with Impinj RFID Module with 3 XArray Antennas For 3D Scanning. Acube Smart box has been specifically developed to track and trace RFID tagged items placed or stored inside. Powerful RFID technology reduces manual involvement and errors in counting and stock-taking processes and provides real-time actionable product visibility, workflow automation and inventory monitoring. Resulting in more effective workflows, maximal inventory control, optimized Inventory care and lower costs



UHF RFID

Supported standard	ISO 18000-63 (EPC Class 1 Gen2 V2) AES authentication in accordance with ISO/IEC 29167-10 supported
Operational frequency	Global 860-960MHz
Communication	Ethernet
Integrated Antenna	Circular cross dipole antenna
Transmit Power	+10.0 to +31.5 dBm
Hardware/Display	Embedded System Control Unit With 1.5Ghz 64-bit Quad Core ARMv8 CPU (4 GB RAM), Linux OS Dual Band 2.4GHz and 5GHz IEEE 802.11.b/g/n/ac Wireless LAN, Linux OS

PRODUCT HIGHLIGHTS

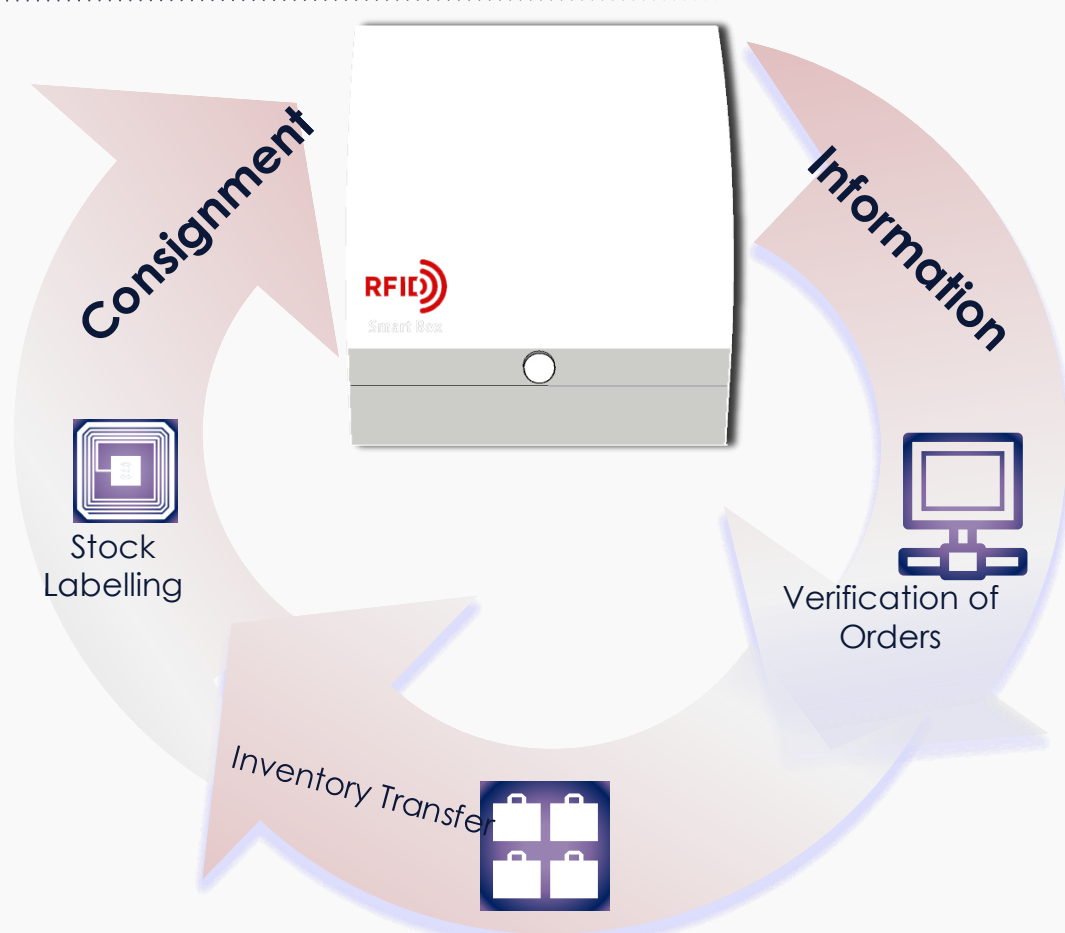
- Easy installations
- Instant visibility of high value items like jewelleryes
- monitoring of expensive stock items
- Secure visibility of diamonds and jewelry inventory
- Straight forward deployment
- Effortless to use
- Comprehensive chain of custody and audit trail
- Simple organization

ENVIRONMENTAL RESISTANCE

Operating Temperature	-20°C~50°C
Operating Humidity	-20°C~55°C
Storage Temperature	-20°C~50°C

SIZE & WEIGHT

Dimensions	500(L)*380 (W)*400(H)mm
Weight	15kg
Material	6MM Black Acrylic Glass with RF Shielding



More Information
Visit : www.acubeinfotech.ae

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ACUBE UHF RFID SMART BOX

SOFTWARE APPLICATIONS

- RFID Demo Software for testing reader capabilities
- RFID Configurator software for configuring the reader(IMPINJ)
- Ready-to-use ACUBE SMART API that provides full control over the reader
- Application can be written in C/C++, .NET languages



SUITABLE APPLICATION AREA

- Point-of-sales
- Information kiosks & Smart displays
- Document tracking
- Smart shopping
- EAS at POS
- Exhibitions/Jewellery Stock Management

PRODUCT HIGHLIGHTS

- Easy installations
- Instant visibility of high volume products
- monitoring of metallic stock items
- Secure visibility of inventory
- Straight forward deployment
- Effortless to use
- Comprehensive chain of custody and audit trail
- Simple organization



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