

SPACECODE BOX



The Spacecode Box is a smart and secure RFID asset tracking and storage system for high-value items. Using biometric access, the device is typically placed within a safe or vault, where it acts as an intelligent safe within a safe. Real time inventory control. 'Pick to Light' technology to locate required items instantly.



BIOMETRIC OR CARD ACCESS
FOR MANAGEMENT CONTROL



LED 'PICK TO LIGHT'
IDENTIFIES ITEMS INSTANTLY



AUTOMATED 24/7 INVENTORY
TRACK-AND-TRACE FROM ANYWHERE



The Spacecode Box is a compact RFID device used for storage, monitoring and track-and-trace of high-value loose diamonds. It facilitates the inventory management process of receiving items and then checks and validates their presence at all times.

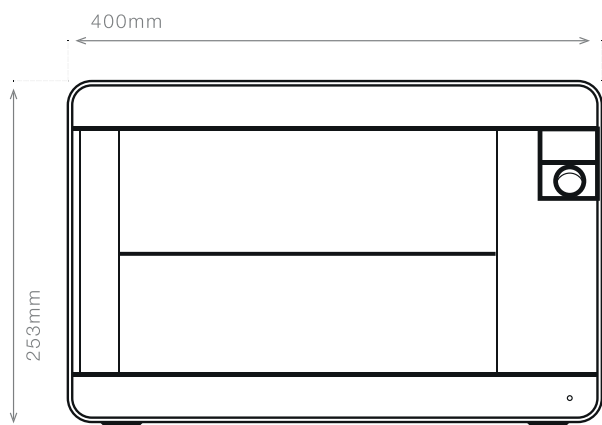
The revolutionary RFID/LED 'pick to light' tag feature offers instant identification of a specific item or items inside the device and protecting against oversights. Users can find the exact diamond that they are looking for, at the exact moment it is required.

The Spacecode Box can only be opened by authorised personnel via biometric access and constantly records exactly who accessed the device, when it was accessed, what was put in or removed and where the transaction occurred – anywhere in the world. Alerts are also created to inform management when movement of any diamonds takes place, ensuring issues are dealt with immediately at the source.

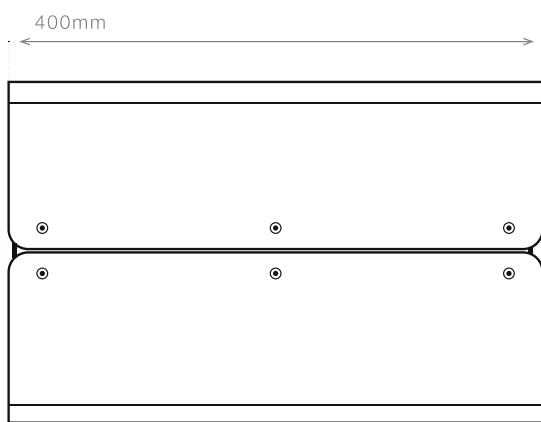
KEY FEATURES

- Stores, monitors and tracks high-value diamond inventory 24/7
- 3D Scanning (items can be tagged and positioned randomly)
- Biometric Fingerprint Access
- Easy to use and simple workflow integration for inventory management
- LED "pick to light" feature
- Door open/close detection and alerts

TECHNICAL SPECIFICATIONS



FRONT VIEW



SIDE VIEW

DIMENSIONS

External Dimensions	400 X 400 X 253 [MM] (W X D X H)
Interior Fittings / Dimensions	Removable shelf separator- 290 X 260 X 175 [MM]
Weight	16 KG
Door Hinge	Left

MATERIAL

Exterior / Interior Body	Aluminum- black coated / Plastic PMMA- white
Door	Polycarbonate- Transparent
Interior Lighting	LED

RFID OPERATION

Carrier Frequency	125 KHZ Global Frequency Standard (119.7 KHZ)
Technology	Spacecode Passive RFID
Tag Type	59.35-G-LED 59.35-DFT-LED 60.30-DFT
Chip Type / Memory	SPC E2 R/W/LED 126 BITS
Data Durability	10 years
Alarms	Door open/close detector

ACCESS CONTROL

Lock	Rotating mechanical latch
Biometric Access	Yes
Emergency Key	Manual emergency key release

COMMUNICATION

USB	Yes
-----	-----

SOFTWARE

Software Development	SDK (Software Development Kit)
Business Application	SmartTracker with central or local database

POWER

Power Supply	100-230V AC, 50-60HZ- Power On switch
Power Consumption	200W MAX
Ambient Operating Temperature	10° TO 38°C (indoor use only)

CERTIFICATION

Applicable Directives	89/336/EEC Electromagnetic Directive
Standards of Conformity	EN301 489-1 V1 8.1- ETSI EN 300 330-2 V1.5.1- EN 50364 of 2010 FCC Part 15A Radiated Limits CE

AVAILABLE OPTIONS

PC touch screen panel
