SPACECODE DRAWER

Introducing the Spacecode Drawer - the revolution in diamond inventory management and storage. Track-and-trace for thousands of diamonds in real time. Find one or more items immediately using 'pick to light' technology. Integrates with any ERP for comprehensive reporting.

BIOMETRIC OR CARD ACCESS
FOR MANAGEMENT CONTROL

LED 'PICK TO LIGHT'
IDENTIFIES ITEMS INSTANTLY

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

SPACECODE
TECHNOLOGIES
INTELLIGENT TRACK & TRACE

The Spacecode Drawer by Spacecode securely manages and stores large numbers of diamonds (3000- 8000 diamond parcels, depending on the size of the stones). An innovative storage and management system, it provides advanced inventory control of items and securely tracks and stores them enabling real-time inventory viewable 24/7.

State of the art technology ensures that access to and control of the Spacecode Drawer   made by authorized users only via a secure access card or biometric fingerprint. Registered users gain access to the drawers via the built-in touch screen after selection is made in their existing ERP.

Each drawer is equipped with an individual RFID. The system identifies which drawer the required item is placed in and immediately lights up the RFID tag with LED attached to the item, enabling the assigned user to pick it up immediately using our 'pick to light' technology.

No sorting is required as the system automatically identifies in which drawer individual items are stored. Stock count is automated, extraordinarily fast with 100% reading accuracy.

After items are removed and the drawer is closed, an automated inventory count occurs to facilitate 24/7 monitoring, track and trace.
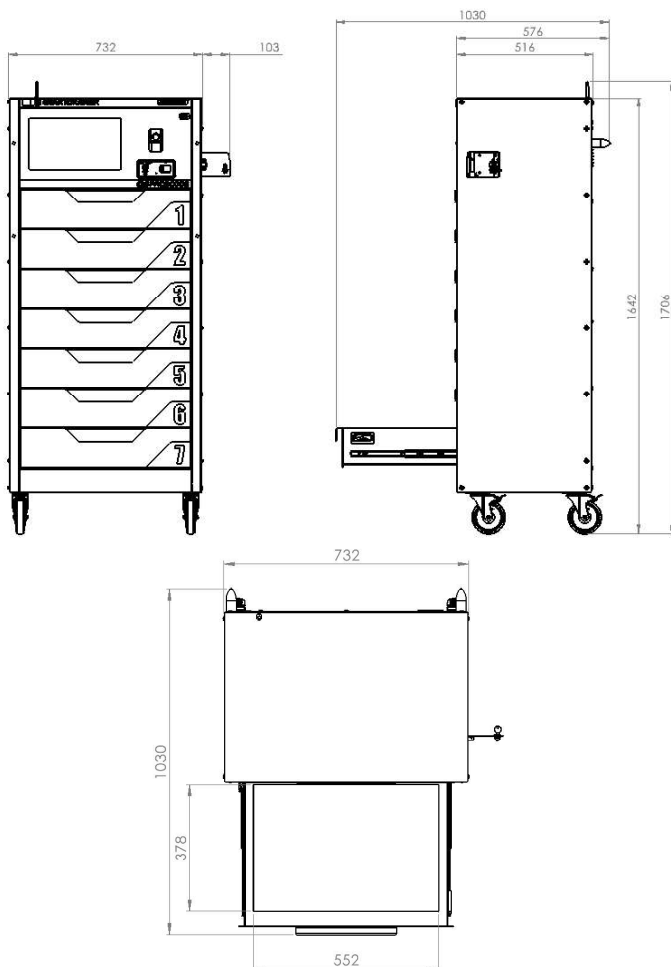
KEY FEATURES

- 100% reading accuracy not affected by metal, juxtaposition
- Ethernet connection
- Wi-Fi connection
- LED 'pick to light' feature identifies items at a glance
- Biometric or Card access for user track and trace
- Capacity to store and secure thousands of items
- Integrates with any ERP for comprehensive reporting
- Built-in wheels structure designed for easy transportation
- Automated 24/7 inventory Track-and-Trace from anywhere
- Always-on smart software ensures data is always accessible
- Instant visibility worldwide enhancing security and monitoring

SPACECODE DRAWER PLUS
- Touchscreen LCD Display
- RFID Integrated Software
- UPS
- Automatic Locking System with manual override
- External Wi-Fi Antenna
- Card or biometric access control

TECHNICAL SPECIFICATIONS

DIMENSIONS
External dimensions

Spacecode Drawer Plus:	**732 x 576 x 1706** [mm] (W x D x H) (with WiFi antenna)
Interior dimensions	7 drawers
Drawer size	**552 x 378 x 108** [mm] (W x D x H)
Storage net volume	158 Liters
Weight	**180 kg**

MATERIAL
Material outer casing	Aluminum black/grey coated
Wheels	4 heavy duty wheels with rotation and brake

DRAWER OPERATION
Lock	Controlled electronic lock
Emergency	Mechanical key
Access control	Access card with dual frequency functionality:
LF:	HID Prox, HID Indala Prox, EM Prox, AWiD Prox
HF:	MIFARE® Classic 1K / 4K, Ultra Light, Ultra Light C, Plus (Security Lvl 1), MIFARE DESFire 0.6, MIFARE DESFire EV1, iCLASS, iCLASS SE, iCLASS Seos , CEPAS (CAN), ISO14443B (CSN)"
Biometric :	Fingerprint reader (optical sensor) 512ppi
Drawer sensor	Open / Close detector

RFID OPERATION
Carrier frequency	125 KHZ GLOBAL FREQUENCY STANDARD (119KHZ)
Technology	Spacecode RFID with Passive LED Tags
Tag Type	59.35-G-LED
	59.35-DFT-LED
	86.55-G-LED

INTERFACE
Communication	Ethernet
Wi-Fi	**Yes**
Core	Celeron N4020
Display	15'' Wide panel LCD TouchScreen
Ram	4GB
Operating System	Windows 10 Professional 64 bits
Interface	2 x USB Front and rear panel	1 x VGA for video
Power indicator	Blue LED

ENVIRONMENTAL
Input Voltage	90-264 VAC (120-370 VDC)
Input Frequency	47-63 Hz
Power Consumption	400 Watts
Operating temperature	10 to 40°C or 50° to 104°F (indoor use)