

# SPACECODE PAD



The Spacecode Pad is a compact desktop RFID reader that speedily reads and identifies diamond parcel packages with attached RFID/LED tags. Designed for process management steps for administration, item verification or tag issuing procedures. Connects via USB to a scale to capture diamond weights.



**CONNECTS TO SCALE**  
TRACK DIAMOND WEIGHTS



**LED 'PICK TO LIGHT'**  
IDENTIFIES ITEMS INSTANTLY



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



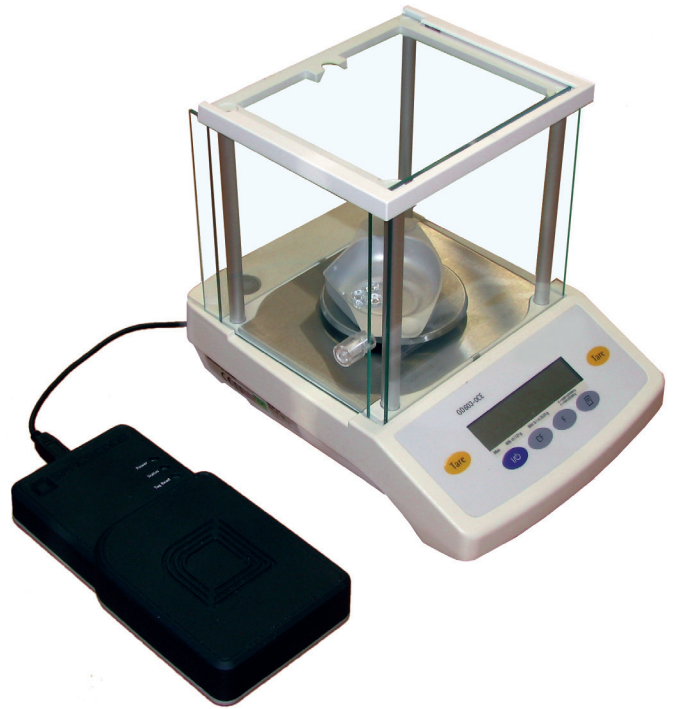
The Spacecode Pad is a compact RFID reader designed to monitor and count single or multiple diamonds in rapid and repetitive processes in a defined orientation. It enables speedy association of RFID/LED tag with items in the user's ERP.

When attached to a weight scale (via USB connection), the Spacecode Pad automatically captures the weight of the diamonds during process management. This ensures full transparency and tracking of changes in the associated data/history of an item.

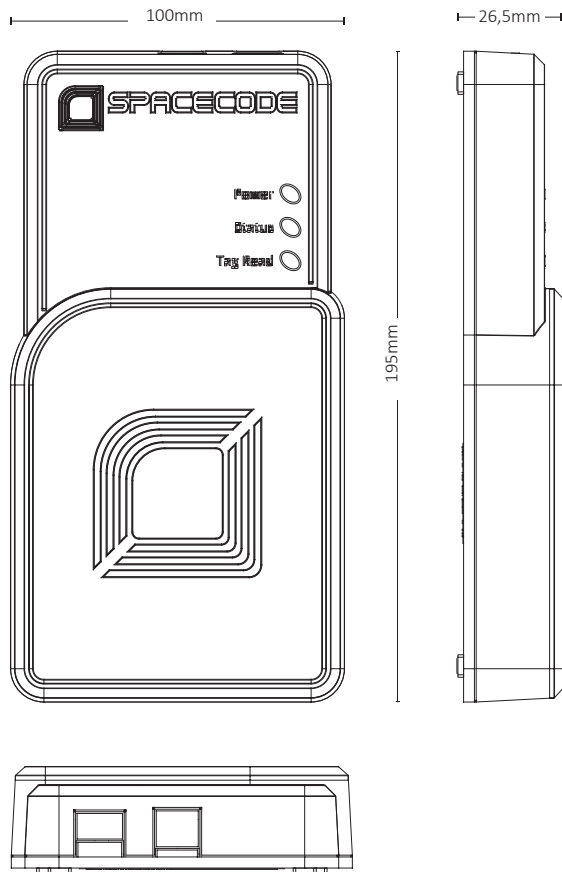
Multiple items can be placed on the Spacecode Pad and the LED 'pick to light' feature indicates the specific item being sought.

## KEY FEATURES

- Desktop RFID Reader
- Single or multiple items read in 1D
- USB connection to weight scale
- Associate item and weight history instantly
- Automated data capture
- Speedy process management



## TECHNICAL SPECIFICATIONS



### DIMENSIONS

External Dimensions	Reader Box: 195 X 100 X 26.5 [MM] (W X D X H)
Active RFID Read Area	H ~ 3 CM
Weight	0.7 KG

### MATERIAL

Casing	Plastic casing - black with aluminum base
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### RFID SYSTEM

Carrier Frequency	125 KHZ Global Frequency Standard (119.7 KHZ)
Technology	Spacecode Passive RFID
Tag Type	59.35-G-LED 59.35-DFT-LED 86.55-G-LED
Chip Type / Memory	SPC E2 R/W/LED 126 BITS
Data Durability	10 years

### COMMUNICATION

USB	Yes
External Connection	USB for external peripheral (e.g. USB weight scale)

### SOFTWARE

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

### POWER

Power Supply	+5v from USB
Power Consumption	0.5A
Ambient Operating Temperature	10° TO 38°C (indoor use only)

### CERTIFICATIONS

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