

S P A C E C O D E Spacecode Board



The Spacecode Board - a RFID desktop reader designed to fast-track diamond inventory management, ensuring reliable track-and-trace and monitoring of stock movement.



TRACK-AND-TRACE
Continuously tracks inventory



INTELLIGENT STOCK MANAGEMENT
Sort, find and export instantly



LED 'PICK TO LIGHT'
Identifies items instantly



SPACECODE
TECHNOLOGIES



The Spacecode Board is a RFID desktop reader designed to fast-track diamond inventory management and ensure reliable track-and-trace and monitoring of stock movement.

With rapid and reliable 3D reading of items regardless of orientation or proximity, the device typically counts 100 parcel papers (with Spacecode's RFID LED tags attached) in 8-10 seconds, significantly improving office productivity and preventing stock loss and shortages.

The Spacecode "pick to light" technology facilitates instant identification of a specific loose diamond from among hundreds, saving precious time and protecting against oversights. It also eliminates the need for pre-sorting of items. Just place items anywhere in a box and the Spacecode system will identify and track your diamonds.

The Spacecode Board expedites the processing and reading of items as they are passed between processes and individuals. It is used in sales offices, factories and grading laboratories to revolutionize their process and systems. With a read range configured to a well-defined area above the device, there is no risk of unwanted reading of other tags nearby.

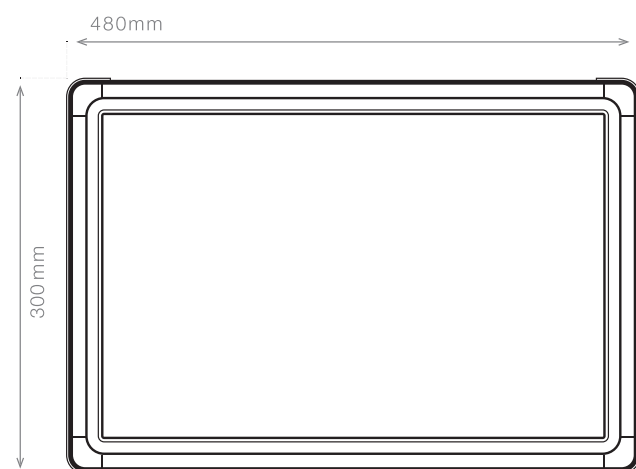
KEY FEATURES

- ◆ Find a specific item an instant for speedy viewing and exports
- ◆ Built in RFID antenna
- ◆ Integrates seamlessly with ERP systems
- ◆ Can read a tag in any orientation (3D)
- ◆ 100% reading accuracy of RFID Tags with LED
- ◆ Capacity to read 100s of items in a single scan
- ◆ Automated track-and-trace
- ◆ Sleek desk-top reader
- ◆ No pre-sorting required

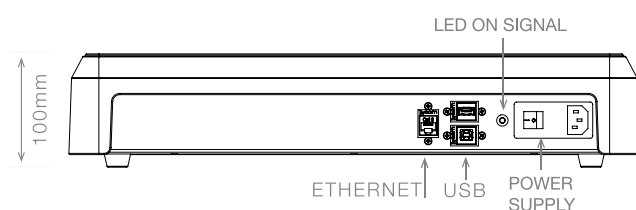
Spacecode Boards are used for diamond inventory management at:

- ◆ Sales offices
- ◆ Factories
- ◆ Export offices
- ◆ Tradeshows
- ◆ Grading laboratories
- ◆ Shipping centers

TECHNICAL SPECIFICATION



TOP VIEW



SIDE VIEW

Dimensions

External dimensions:	480 X 330 X 100 [MM] (W X D X H)
Active RFID Read Area:	H ~ 15 CM
Weight:	8 KG

Material

Cover:	Black plastic coating
Base:	Aluminum black coated

Rfid System

Carrier Frequency:	125 Khz Global Frequency Standard (119.7 Khz)
Technology:	Spacecode Passive RFID
Tag Type:	59.35-DFT-LED 60.30-DFT 86.55-G-LED
Chip Type / Memory:	SPC E2 R/W/LED 126 Bits
Data Durability:	10 Years

Communication

Ethernet:	Yes
USB:	Yes

Software

Software Development:	SDK (Software Development Kit). Net or Java
Business Application:	Smart-Tracker™ With central or local database

Power

Power Supply:	100-230v Ac, 50-60hz - Power on switch
Power Consumption:	200w Max
Ambient Operating Temp.:	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