

# Discovery KE

RFID desktop reader



## APPLICATION

Quick and easy to use, the Discovery KE desktop RFID reader requires no additional drivers and is ideal for **desktop and mobile applications** on tablets running all operating systems such as Android and iOS, in the following areas:

- retail;
- logistics;
- production control.

## PRODUCT OVERVIEW

The Discovery KE desktop RFID reader is a low-power UHF device **with keyboard emulation**, designed to detect UHF **RFID tags up to a distance of 50 cm.**

**Designed for all RFID reading tasks**, Discovery KE is ergonomic and easy to use.

From a technical perspective, it does not require the installation of additional drivers, and it is activated by plugging the device into a desktop USB port.

Moreover, the device can be configured to read user memory, both TID and EPC.

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## SPECIFICATIONS

Operating Frequency UE	865.7–867.5	IP grade	54
Operating Frequency US	902.75–927.25	Dimensions	180 x 86 x 45 mm
Standard protocol	ISO 18000 – 6 A/B/C, EPC Class 1 Gen 2	Weight	164 g
RF Power	100mW (20dBm)	External housing	Abs
Energy consumption	300mA in reading mode, 0mA in stand-by mode	User Interface	One button, one buzzer, two two-colour LEDs
Set of commands	<ul style="list-style-type: none"> <li>Support for read and write commands, compliant with ISO/IEC 15961;</li> <li>support for read and write commands with 6-bit encoding, compliant with VDA Recommendation 5509;</li> </ul>	External Communication	USB port in serial emulation
Antenna type	Integrated linear polarisation	Operating temperature	-20° C ~ +55° C
Antenna sensitivity	-90dBm		
Reading distance	Up to 50 cm		

CE certified in accordance with ETSI EN 302 208.