

# ICEKEY UHF SNAKE4



**RFID reader and writer**

**USB interface**

**Embedded antenna**

**3 LEDs + multitone beeper**

**Ring of the loop antenna is 4 mm and it's suitable for small or micro tag (such as Murata Magicstrap®) embedded on metal**

**Antenna shape has the viewfinder function**

**Max reading distance is 2/3 mm**

**Fully flexible antenna support**

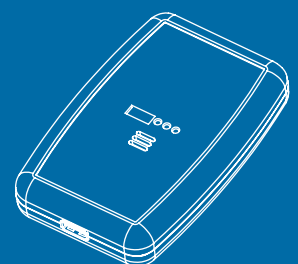
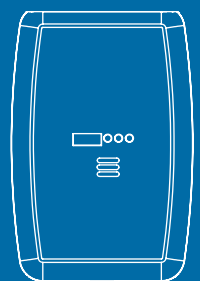


IceKey UHF Snake4 is a desktop RFID reader, small in size, equipped with an antenna with a fully flexible support, able to read and write UHF tags and transmit the acquired data to any device with a USB interface.

The maximum reading distance is 2/3 mm, obtained by using the viewfinder antenna, suitable for reading small or micro tags (such as the Murata Magicstrap® tag) embedded on metal.










The use of IceKey UHF Snake4 is easy and intuitive thanks to the automatic scanning at regular intervals of time and to the presence of two LEDs and a multitone beeper, to alert the operator of the reading. The fully flexible antenna support is extremely practical and functional, allowing an optimized reading of the tags.

IceKey UHF Snake4 is powered via the USB interface, the same interface used to communicate with the main desktop or portable devices equipped with the Windows, Linux and macOS operating system. Data transmission takes place in virtual serial mode, a two-way channel. A simple serial communication protocol, present on all TERTIUM Technology products, allows to manage all the RFID reader functions, in particular the ID scan and the reading / writing of the UHF tag memory.



# ICEKEY UHF SNAKE4



	<b>MAN/MACHINE INTERFACE</b>	3 LEDs for device operation signaling, Multitone Beeper, Fully Flexible Antenna Support
	<b>INTERNAL DEVICES</b>	Frequency: 860 MHz + 960 MHz Power: configurable up to 200 mW Standard: EPC Class1 Gen2 Reading distance: 2/3 mm <b>Ring of the loop antenna is 4 mm</b>
	<b>INTERFACES</b>	USB type A female
	<b>OS COMPATIBILITY</b>	Windows, macOS, Linux
	<b>POWER SUPPLY</b>	USB powered, 480mA peak @ 5Vdc (RF active full power) 72mA @ 5Vdc (idle mode)
	<b>WORKING TEMPERATURE</b>	-20°C / 70°C
	<b>CASE DIMENSION</b>	Height 11.7 cm – Width 8 cm – Depth 2.4 cm
	<b>WEIGHT</b>	70 g
	<b>PROTECTION DEGREE</b>	IP 54