

ICEKEY UHF IP65



Industrial RFID UHF reader and writer

USB cable for power and data transmission

Embedded antenna

3 LEDs* + multitone beeper

Proximity sensor*

*Option










IceKey UHF IP65 is an industrial fixed RFID reader, small in size, able to read and write UHF tags and transmitting the acquired data to any device with an USB interface.

The maximum reading distance is 120 cm for UHF far field tags.

The use of IceKey UHF IP65 is easy and intuitive thanks to the automatic activation of the UHF tag scanning and a multitone beeper to alert the operator of the reading.

IceKey UHF IP65 is powered via USB cable. The same cable is 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, available on all TERTIUM Technology products, allows the user to manage all the RFID reader functions. In particular the ID scan and the reading/writing of the UHF tag memory.

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 MAN/MACHINE INTERFACE	Multitone Beeper, 3 LEDs for device operation signaling (option), and proximity sensor (option)
 INTERNAL DEVICES	Frequency: 860 MHz + 960 MHz Power: configurable up to 200 mW Standard: EPC Class1 Gen2 Reading distance: up to 1.2 m Embedded antenna
 INTERFACES	USB cable terminated with type A male
 OS COMPATIBILITY	Windows, macOS, Linux
 POWER SUPPLY	USB cable (2 m), 480mA peak @ 5Vdc (RF active full power) 72mA @ 5Vdc (idle mode)
 WORKING TEMPERATURE	-20°C / 70°C
 DIMENSION	Height 10 cm – Width 10 cm – Depth 3.7 cm
 WEIGHT	142 g
 PROTECTION DEGREE	IP 65