ICEKEY UHF IP65 WI-FI/ETHERNET

Industrial RFID UHF reader and writer

Wi-Fi / Ethernet* / Digital I/O* interface

Embedded antenna

5 LEDs* + multitone beeper

Proximity sensor*

*Optional

Option: Ethernet (2 cable gland)

Option: 12V plug power cable

ceKey UHF IP65 Wi-Fi/Ethernet 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 a Wi-Fi/Ethernet interface.

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

The use of IceKey UHF IP65 Wi-Fi/Ethernet is easy and intuitive thanks to the automatic activation of the UHF tag scanning and the use of two LEDs and a multitone beeper to alert the operator of the reading.

IceKey UHF IP65 Wi-Fi/Ethernet is powered at 12Vdc, via cable terminated with or without connector. Wi-Fi/Ethernet interface 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 TCP/IP serial mode. 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. API available in Java language.

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MAN/MACHINE INTERFACE	Multitone Beeper, 5 LEDs for device operation signaling (optional) and proximity sensor (optional)
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	Wi-Fi, Ethernet (optional), on/off 2 inputs and 2 outputs 12V/24V with optocoupler (optional)
OS COMPATIBILITY	Windows, macOS, Linux
POWER SUPPLY	Power supply 12Vdc (from 7V to 36V), 200mA peak (RF active full power) 30mA (idle mode)
WORKING TEMPERATURE	-20°C / 70°C
DIMENSION	Height 20 cm – Width 15 cm – Depth 3.7 cm
WEIGHT	273 g
PROTECTION DEGREE	IP 65