ICEKEY HF IP65 WI-FI/ETHERNET



Industrial RFID HF reader and writer

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

Embedded antenna

5 LEDs* + multitone beeper

***Optional**





IceKey HF IP65 Wi-Fi/Ethernet is an industrial fixed RFID reader, small in size, able to read and write HF tags and transmitting the acquired data to any device with a Wi-Fi/Ethernet interface.

The maximum reading distance is 25 cm for HF far field tags.

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

IceKey HF 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 HF tag memory. API available in Java language.

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MAN/MACHINE INTERFACE	Multitone Beeper, 5 LEDs for device operation signaling (optional)
INTERNAL DEVICES	Frequency: 13,560 MHz Power: 100 or 200 mW switchable Standard: ISO 15693, ISO 14443-A (only ID reading) Reading distance: up to 25 cm **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), 90mA peak (RF active full power) 14mA (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