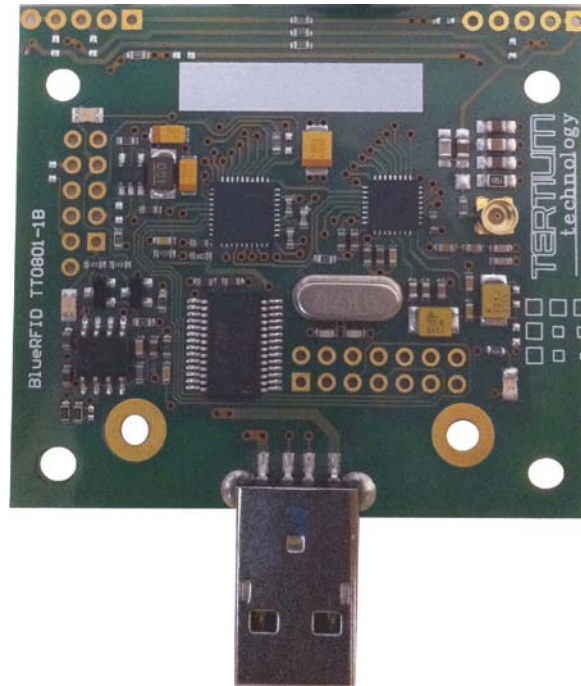# BLUERFID HF
USB OEM RFID HF reader/writer

RFID reader and writer

TTL serial or USB interfaces

Embedded antenna

3 LEDs + multitone beeper

BlueRFID HF electronic boards are RFID readers capable of reading/writing the main RFID tag global standards. Easy installation and the inclusion of a practical and user friendly interface, with 3 coloured LEDs and a multitone beeper, are the particular characteristics of this category of products.
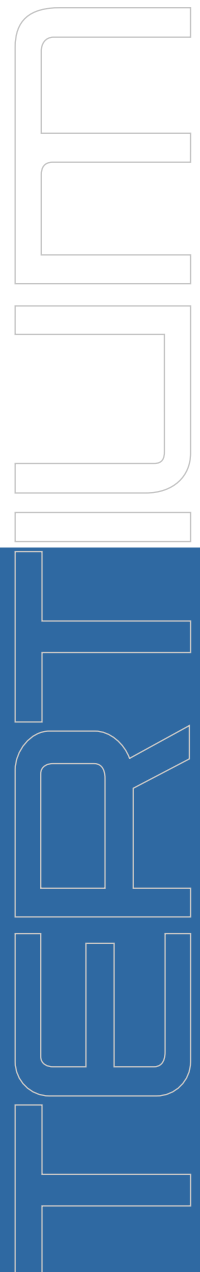
Thanks to its interface versatility with desktop PCs or embedded PCs using USBs, or with embedded systems using TTL serial converters, BlueRFID HF cards are an excellent solution for RFID tags reading for many applications.

The device is equipped with appropriate drivers that make it compatible with the main operating systems (Windows XP, Windows Vista, Windows 7, Linux, Mac OS), allowing an easy and instant use of data exchanged with tags.
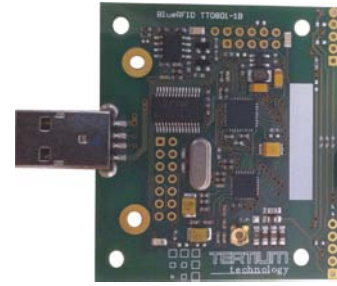
The single communication protocol, integrated in all TERTIUM Technology products, makes it easier to develop and project an application software able to manage all the functionalities of the devices. The configuration software, supplied with the product, allows to set the major functionalities as, for instance, the automatic or terminal-activated manual scanning.

BlueRFID HF is equipped with embedded RFID antenna . An external antenna connector is available on customer request.

All these characteristics make BlueRFID HF highly functional in applications where it is necessary to include an efficient RFID tag reader in a generic workstation.

BLUERFID HF

MAN/MACHINE INT	3 LED for device operation signaling (*), Multitone Beeper
INTERNAL DEVICES	Frequency: 13,56 MHz Power: 100 or 200 mW switchable Standard: ISO 15693, ISO 14443-A (only ID reading) Read range: up to 10 cm (**) Embedded Antenna
INTERFACES	Two-wire (TX and RX) asynchronous TTL serial or USB type A male
OS COMPATIBILITY	Windows, OSX, Linux
POWER SUPPLY	USB powered, 220mA peak @ 5Vdc (RF active full power), 35mA @ 5Vdc (idle mode)
WORKING TEMPERATURE	-20°C / 70°C
DIMENSIONS **(USB connector not included)**	5.7 x 5 cm
WEIGHT	20 g

(*) one LED alternative at opendrain
(**) depending on the TAG