BLUERFID UHF

USB OEM RFID UHF reader/writer

RFID reader and writer

TTL serial or USB interfaces

Embedded antenna

3 LEDs + multitone beeper

Proximity sensor

BlueRFID UHF electronic boards are RFID readers capable of performing read/write operations on the main RFID tag global standards. Easy installation and the addition of a practical and user friendly interface, consisting in 3 colored LEDs, multitone beeper and a proximity sensor are the peculiar characteristics of this category of products.
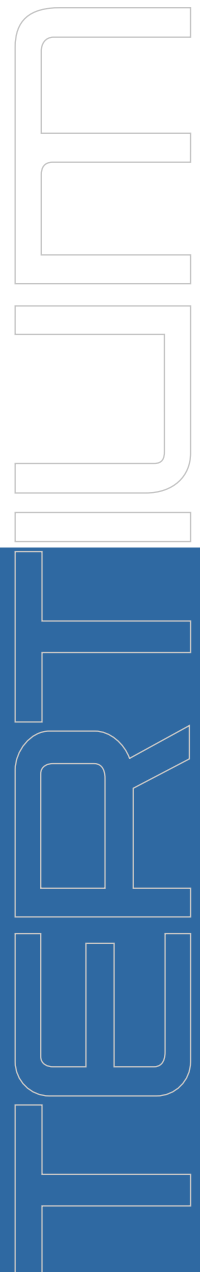
Thanks to its versatility in interfacing with desktop PCs or embedded PCs via USB, or with embedded systems using TTL serial converters, BlueRFID UHF boards represent an excellent solution for RFID tag reading in many applications.

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.
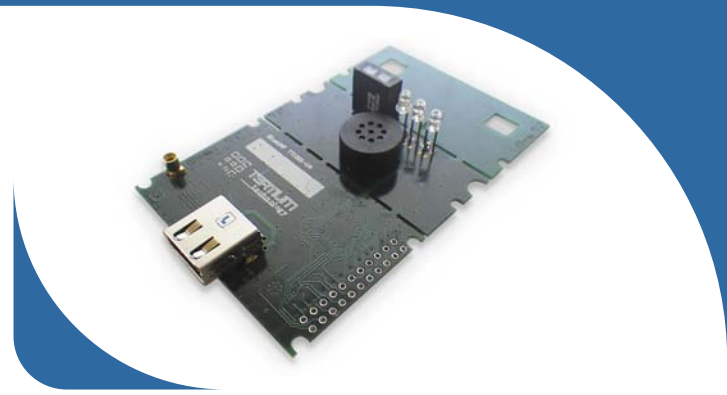
The single communication protocol, integrated in all TERTIUM Technology products, makes it easier to develop and project an application software able to manage all the functionalities of the devices. The configuration software, supplied with the product, allows to set the major functionalities as, for instance, the automatic or terminal-activated manual scanning.

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

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

BLUERFID UHF

MAN/MACHINE INT	3 LED for device operation signaling , Multitone Beeper, Proximity Sensor
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	TX ,RX, RTS, CTS asynchronous TTL serial or USB type A female
OS COMPATIBILITY	Windows, OSX, Linux
I/O	2 digital input, 2 digital output
POWER SUPPLY	USB powered, 480mA peak @ 5Vdc (RF active full power) 72mA @ 5Vdc (idle mode)
WORKING TEMPERATURE	-20°C / 70°C
DIMENSION	5.7 cm x 9 cm
WEIGHT	20 g

(*) depending on the TAG

TERTIUM technology