



SMARTANTENNA

Desktop device with USB interface for long range RFID UHF tag reading/writing.

SmartAntenna is a long range RFID reader that is used to perform read/write operations on the major RFID UHF standard tags.

The easy installation, the practical on-board man-machine interface with 3 coloured LEDs and a multitone acoustic device characterize this product. **SmartAntenna** has an embedded antenna with reading capacity of 400 cm (depending on the tag used).

The interface versatility provided by USB port means **SmartAntenna** readers may turn any PC, Notebook, embedded PC or last generation Netbook into a real RFID communication platform for a fast and easy display of data exchange with tags on your terminal. The ABS case with IP54 protection degree guarantees a high level of robustness.

These features make **SmartAntenna** highly functional for any application requiring an RFID control station. The reading process can be set to operate cyclically or manually governed from terminal.

Industrial Automation

With the integration of the **SmartAntenna** reader into a workstation it is possible to realize a real checkpoint able to perform reading/writing activities on UHF labels fixed to boxes or any other objects where univocal identification is required.

Management control and automation of industrial processes are typical applications of this reader.





TECHNICAL CHARACTERISTICS

MAN/MACHINE INTERFACES	3 LED for device operation signaling Speaker
INTERNAL DEVICES	RFID UHF reader: radio: 860 MHz ÷ 960 MHz standard: EPC Class1 Gen2 read range: 1,2 m with embedded antenna
INTERFACES	USB
POWER SUPPLY	5Vdc by USB, max power consumption 400 mA
WORKING TEMPERATURE	0 - 70 °C
DIMENSIONS	Width 18,8 cm – Height 11,9 cm – Depth 7,7 cm
PROTECTION DEGREE	IP54

TERTIUM