



MT4 UHF Reader

Mt4 is an RFID UHF Reader with integrated antenna well suited for medium range applications, usually <5m. Antenna works with circular polarization, so don't care about position in tag detection.

Mt4 is ready for a large number of RFID applications; it features fast Read/Write operations and it is compliant with main standards in the market.

Mt4 Main applications are:

- Access control, both vehicle and people
- Logistics, Warehouse Management, Product Tracking
- Vehicle/Driver association in Logistics and Fleet Management
- Parking management, automatic smart payment systems
- Industrial control management.
- Good protection and automatic tracking, fight against counterfeiting.
- Shoplifting protection for stores, shops and libraries

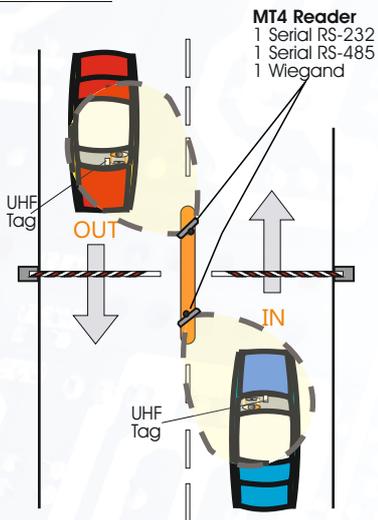
Caratteristiche Tecniche:

Technical	MT4.0000
Standards	ISO18000-6B, ISO18000-6C (EPC GEN2)
Frequency	865-867MHz
Operative mode	FHSS programmable by software
Power output	0-30dBm
Reading speed	SW Programmable (64bit data read time <10ms)
Interface	RS-232, RS-485, Wiegand
Reading Distance	Up to 5m (8dbi)
Writing Distance	Up to 3m
Signal	Buzzer when reading
Antenna	Integrated Antenna, 8dbi gain
Power supply	+9VDC (wall adapter included)
Power consumption	8W (typical)
Protection	IP66
Operating temperature	-10°C ÷ +55°C
Storage temperature	-20°C ÷ +60°C
Dimensions	255 x 255 x 45mm (L x W x H)
Weight	1.0 kg
Mounting aids	SMFlex (included)
EMC	EN 301489-1, EN301489-3
Certification	CE (R&TTE-Directive 1999/5/EC)



Applications:

Access Control



Waste Management

MT4 Reader
1 Serial RS-232
1 Serial RS-485
1 Wiegand



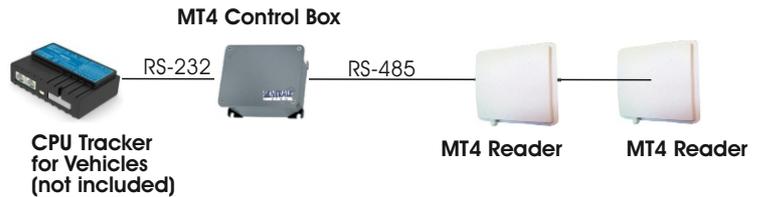
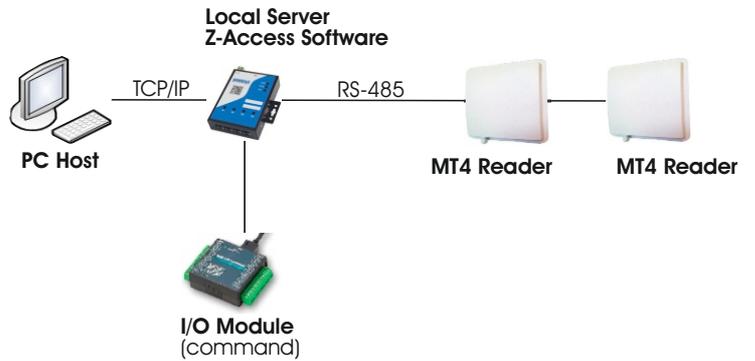
ID Waste Bin
Interaction with
system aboard for
date, hour, weight.

UHF Tag
Screwable
Different models
available

DataBase Aboard

Possibility to communicate
in real time with the headquarters.

Configuration Examples:



Card RFID UHF Gen2 CMYK Custom



WinTag Tag RFID UHF Gen2 Internal Sticker Glass



BoR Tag Tag RFID UHF Gen2 Ceramic Sticker for Break On Removal

(*) Reading distance depends by weather conditions and tag type in use