

Readers

RFID Active Tags
SIM-RFID



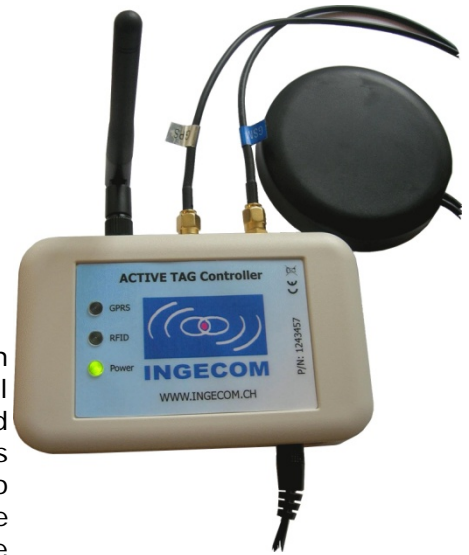
The product family of Active Tag Readers operates as a gateway between the tag and the network. The Unique Identification Number (UIN) of any tag placed in the range of the reader is immediately reported to the host, via the network interface. The very popular shape, similar to an access point, is small, lightweight and easy to fit in many situations.

All the Active Tag Readers are operating with the same hexadecimal software interface, except for the GPRS version that supplies the data in ASCII format.

Make sure to download the latest revision of the drivers, demo software and Software Development Kit (SDK) from our web site <http://www.ingecom.ch/support/>

The ABS plastic package is for interior usage only. For applications requiring special protection, the recommendation is to encapsulate the whole product, antennas included, into a polycarbonate water-resistant package.

The max reading distance is up to 250m in open space, in optimum conditions. A typical operating distance of 50m should be considered for safe usage, to be verified on the spot as radio propagation may differ from one area to another. The reading distance, hence, the coverage area of the reader may be software configured by the system integrator.



Features

Dimension, case	120 x 76 x 27 mm ; ABS IP44 ; Color Tan
Reading distance	Max 250m free space, Typical 30-50m indoor
Operating Temperature	-20°C to +70°C
Operating Frequency	License free 2.45 GHz ISM band
Operation	Compliant with the Read-Only or Read-Write mode of the second generation of Active Tags
Delivery format	Delivered "ready to use".

Part number	1243461	1243461 _485	1243462	1243459	1243458	1243457	1243457 _GPS
Interface	RS232	RS485	USB	LAN-RJ45	802.11	GPRS	GPRS/GPS
Mode	Direct	Buffered	Direct	Direct	Direct	BiBo	BiBo
Supply	6-30V DC	6-30V DC	6-30V DC	6-30V DC	6-30V DC	13-40V DC	13-40V DC
Current	50mA	50mA	50mA	180mA	300mA	1A	1A

Compliance

Frequency 2.400GHz ~ 2.483GHz worldwide unlicensed ISM band
 Temperature IEC 60068-2-14(Na) - Operating -20°C~70°C; Storage -30°C~85°C
 Regulation ETS300-440 Rx Class 3; Tx Class 8; Duty cycle Class 2
 Safety: EN50364: 2001 (Limitation of human exposure to EM fields)

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