



# Near-Field Reader

RFID Active Tags  
SIM-RFID



The second generation of INGECOM Active Tag finds its use typically in logistics applications, for the asset management. It can be operated at short range for access control or for configuration purpose with the Near-Field Reader. The Active Tag Near-Field Reader provides all the functions provided by a regular proximity reader. It is interfaced to the host via the USB interface.

USB driver and software available from <http://www.ingecom.ch/support/>

Placing the Active tag in proximity of the Near-Field Reader grants access to the regular functions such as ReadID, Read/Write user memory. Other functions for the configuration of the tags are accessible with this reader: Change interval rate, Mute, Wake-Up, Switch from read only to multifunction, switch from Tag-talk-first (default) to Reader-talk-first. The user friendly Windows7/XP compatible program makes the navigation through all those functions simple and intuitive. A DLL is provided for those willing to build their own applications.



## Features

Dimension, case	120 x 76 x 24 mm
Material	ABS, (UL 94 HB)
Protection	IP44
Reading distance	Proximity reader
Operating Frequency	13.56 MHz and/or 2.45 GHz
Functions	Query ID Read Only or Read-Write 128 Bytes Beacon Rate configurable from 1s to 30s Tag Talk First or Reader Talk First mode
Connectivity	Native USB 2.0 interface
Operating Temperature	-20°C to +70°C

## Compliance

Frequency	13.56MHz worldwide unlicensed ISM band 2.400GHz ~ 2.483GHz worldwide unlicensed ISM band
Temperature	IEC 60068-2-14 (Na) - Operating -20°C~70°C; Storage -30°C ~ 90°C
Vibration	IEC 60068-2-64 – Test Fh
Free Fall	IEC 60068-2-32 part2 – Test Ed
Regulation	ETS300-440 Rx Class 3; Tx Class 8; Duty cycle Class 2 ETS300-330 Product class1, Power class 2 and 8, Duty cycle class 4
Safety	EN50364: 2001 (Limitation of human exposure to EM fields)

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