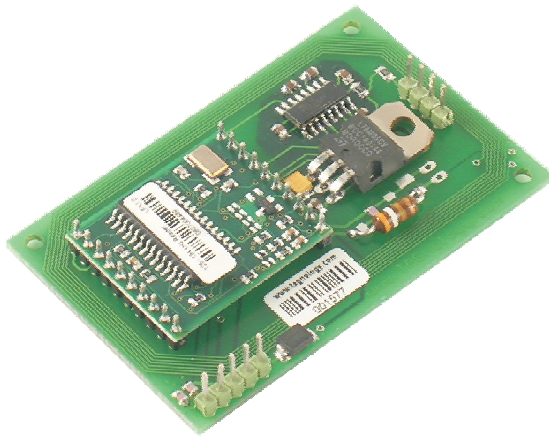




## LF Multi TAG Plug&Play Module

Short Range RFID Reader

The TAGnology LF Multi TAG Plug&Play Module is a contact less proximity read/write device that, with its multi frequency capability, supports most of the available 125kHz and 134.2kHz TAGs from different suppliers. The module comes with an integrated and optimized antenna for a quick and easy integration into applications. By using the serial interface the device can be connected to a controller or any host system easily. The form factor enables a design in even into very compact systems.



### Application Examples:

- > Access Control
- > Time and Attendance
- > Authentication
- > Animal Identification
- > Logistics
- > Process & Production Control
- > Distribution & Supply Chain Management
- > Mobile Applications & Card Issuing

**Order Code:** SR-003/006-01

### Technical data:

Dimensions (LxWxH)	70.0x45.0x12.1mm
Weight	16g +/-10%
Power Supply	5VDC or 9-12VDC
Current Consumption	150mA < 10mA a power down mode
Operating Frequency	125/134.2kHz
Interfaces	RS232 serial interface
Host Communication	point-to-point
Communications Protocol	Specific ASCII or Binary Protocol
Communications	9600Bit/s to 115kBit/s, 8, N,1
Firmware Boot-Loader	Supported Via Serial Interface
S/W	DLL (C++)
Reading Distance	up to 100mm, Depending on tag and antenna
Antenna	Integrated
Input/Output Connector	2 status inductor LED lines, 1 I/O Port
Operating Temperature	-25°C to 80°C
Storage Temperature	-13F to +176F -40°C to +85°C -40F to +185F
Firmware Version	1.0
MTBF	200.000 h

RF Transmit Frequency	125kHz, 134.2kHz		
Supported Standards	ISO 11784, ISO 11785, ISO 18000-2		
Supported Tag-ICs	Hitag 1	Q5	TI-RFID Systems 134.2 kHz 64Bit R/O
	Hitag 2	EM4X02	TI-RFID Systems 134.2 kHz 64Bit R/W
	Hitag S	EM4X05 (ISO FDX B)	TI-RFID Systems 134.2 kHz 1088Bit
Typical Read Time	59ms Serial No. Hitag S	58ms Serial No.	93ms Serial No. TI-RFID Systems 134.2 kHz
	30ms Serial No. Hitag 2	95ms Serial No.	64Bit R/O