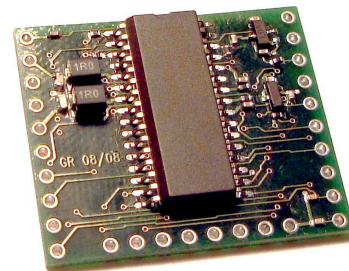


## Kronegger Vicinity OEM Reader

The Kronegger Vicinity OEM Reader can read and write contactless tags of the ICODE and MyD family as well as tags compatible to ISO18000-3 Mode 1. The compact design and the serial interface enables a fast integration. For operation an external antenna which is customized to the application is required. Antenna tuning during design in or production is supported by the availability of dedicated test signals from the reader IC.

The module has 4 additional digital I/O pins. For a fast integration to the world of PCs a C# library is available.



### Applications

- Item Tracking
- Logistics
- Access Control
- Multi-applications
- Identification
- Fun Parks
- Cafeterias

### Specifications

Frequency	13.56 Mhz
Standard	ISO15693, ISO 18000-3 Mode 1
Supported Tags	ICODE: SLI, SLI-L, SLI-S, UID, EPC MyD: 1P, 2P, 10P, 10S Other tags on request
Functionality	Serial Number, full read and write support. Security support on request. Bootloader for firmware updates.
Interface	CMOS-TTL Seriell, 9600 Bit/s to 115200 Bit/s, 8, N, 1 ASCII and binary protocol, C# library
Power Supply	5VDC $\pm$ 10% regulated, ca. 70 mA depending on antenna
Reading Distance	Up to 85mm , depending on antenna
Antenna	External, symmetric HF interface
Inputs and Outputs	LED, 4 I/O Ports, 3 Testpins for signals from the reader IC
Dimensions	(LxWxH) 25.5x30.0x4.8mm $\pm$ (L/W) 0.5 (H)
Weight	5 g $\pm$ 10%
Temperature Range	-20°C to + 80°C operational
Storage Temperature	-40°C to + 85°C
RoHS conformity	yes