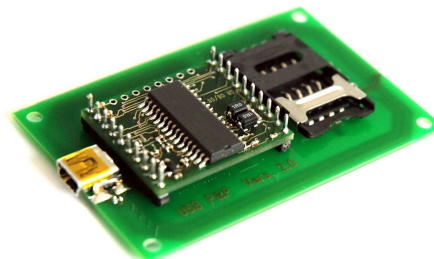


Kronegger Mifare® Plus Plug & Play Reader

The Kronegger Mifare® Plus Plug & Play Reader can read and write contactless tags of the MIFARE® Family as well as ISO14443A compatible tags. Both MIFARE® Classic as well as the security enhanced Mifare® Plus and Desfire® are fully supported. The compact design and the serial interface enables a fast integration. The module has an integrated antenna. It can be connected via USB to a PC.



The module has 5 additional digital I/O pins. For a fast integration to the world of PCs a C# library is available.

Applications

- Access Control
- Security Applications
- Cashless Payment
- Vending Machines
- Identification
- Public Transport
- E-Ticketing
- Printers

Specifications

Frequency	13.56 Mhz
Standard	Mifare® Classic, ISO14443 A; 106 kBaud Air Interface Speed
Supported Tags	Mifare® Standard, Mifare® Ultralight, Mifare® Desfire, Mifare® Plus, SLE66R35, SLE66R32P
Functionality	Read, write, authentication, smartcard functions, serial number. Bootloader for firmware updates.
Interface	CMOS-TTL Seriell, 9600 Bit/s to 115200 Bit/s, 8, N, 1 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) 70.0x45.0x12.1mm \pm 1.0mm
Weight	16 g \pm 10%
Temperature Range	-20°C to + 80°C operational
Storage Temperature	-40°C to + 85°C
RoHS conformity	yes