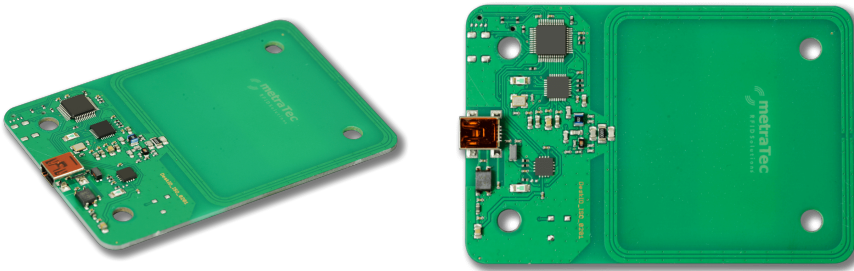# UM15 USB RFID Module

Art. no.:
22000257

METRATEC

◎ ISO15693 compatible
◎ Powered by USB
◎ Integrated Antenna

UM15 USB RFID Module

You are looking for a USB-powered ISO15693 RFID module with an internal antenna to integrate into your own device? Do you have a USB interface on your host system? The UM15 RFID module is the perfect product for you.

The credit card-sized module communicates via USB with the host and is also supplied with 5V DC. With the integrated antenna a read range between 50 and 100 mm is possible depending on the tag type and its size. Mounting holes allow an easy installation in most situations. The device reads and writes all ISO15693 transponders, e.g. ICode, Tag-It as well as IC with special sensor functions.

The free Windows demo software enables you to quickly test all features of the reader. For programming the device a free .NET DLL, a Java SDK and a Python library are available. If you are looking for a finished product with these features, the DeskID ISO is the right device for you.

Technical Specification

Operating Principle	ISO15693 RFID USB Module
Operating Frequency	13.56 MHz (worldwide)
Antenna Connector	60 x 60 mm integrated loop antenna
Output Power	200 mA
Read Range	up to 100 mm
Supported Protocols	ISO15693 incl. all custom commands
Connectivity	Mini USB (virtual COM Port)
Operating Voltage	5V DC via USB
Power Consumption	idle: 15 mA, RF on: max. 120 mA
Temperature Range	-20 °C to +70 °C
Dimensions	60 x 90 x 5 mm

About Metratec

Metratec develops, produces and sells Radio electronics for the areas of
"Identification", â??Localizationâ?•, and â??Communicationâ?• and thus serves a
variety of markets with standard products as well special solutions. Customers
include OEM customers, system integrators and research facilities worldwide.