

LF Module M800



Applications

- Access Control
- Industrial Automation

Features

- Compliant to EM4200, 4550
- Interfaces TTL, RS232 or RS485

Description

The Embedded LF Module M800 from iDTRONIC has been designed to support 125 kHz read-only and read/write tags. It is available with different interface option which makes it a perfect fit for many applications.

iDTRONIC's SDK and MS Windows based application SW is supplied with the product.

Technical Data

Electrical Specifications	
Power Supply	5 VDC or 12 VDC (± 5 % regulated)
Operating System	MS Windows, Linux
Operating Distance	up to 20 cm
Antenna	External
Interface	TTL, RS232 or RS485

Mechanical Specifications	
Dimensions	30.5 x 25.5 x 9.5 mm

Environmental Conditions	
Operating Temperature	-20°C to +70 °C
Humidity	5 % to 95 %

SDK Information	
Supported OS by FTDI USB VCP Driver	Windows Server 2008/2012 R2 x64 Windows 7, 8, 8.1, 10 Windows RT Windows CE (CE 4.2-5.2, 6.0/7.0, 2013) Linux Mac OSX Android
Communication Protocol	On start-up the device automatically reads the UID and transfers it to the USB VCP. In addition the device offers a simple command protocol for read/write operation.
Demo Software	Windows

Supported Standards / Tags	
EM 4200, EM 4550	

*Reading distance depends on tag, antenna and environmental conditions

Order Codes

Version	Order Code
TTL	OEM-LF-M800-TTL
RS232 (5V)	OEM-LF-M800-232
RS232 (12V)	OEM-LF-M800-232-12V
RS485	OEM-LF-M800-485

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