

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 options, which makes it a perfect fit for many applications.

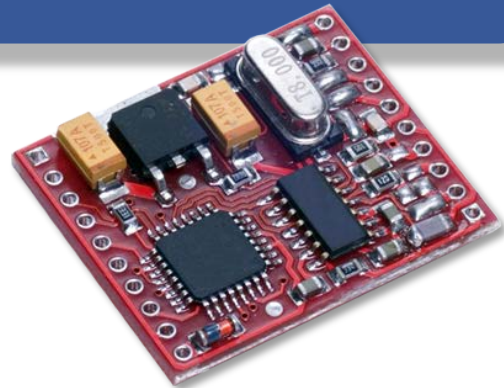
iDTRONIC's SDK and MS Windows based application SW is supplied with the product.

Features:

- Compliant to EM4200, 4550, NXP Hitag 1, 2, S
- Interfaces TTL, RS232 or RS485
- 5 VDC or 12 VDC option

Applications

- Access Control
- Industrial Automation



Technical Data

Mechanical Specifications

Dimensions: 30.5 × 25.5 × 9.5 mm

Electrical Specifications

Power Supply: 5 VDC or 12 VDC
(±5 % regulated)

Operating System: MS Windows, Linux

Antenna: External

Operating Distance: Up to 20 cm (depending on tag and antenna)

Interfaces: TTL, RS232 or RS485

Environmental Conditions

Operating Temperature: -20 °C ... +70 °C

Humidity: 5 % to 95 %

Supported Transponders

EM 4200

EM 4550

NXP Hitag 1, 2, S

Order Codes

TTL: OEM-LF-M800-TTL
RS232 (5V): OEM-LF-M800-232
RS232 (12V): OEM-LF-M800-232-12V
RS485: OEM-LF-M800-485

Available Antennas

| Antenna | Order Code |
|--------------------------|-------------|
| COIL \varnothing 48 mm | OEM-LF-A905 |
| COMPONENT | OEM-LF-A906 |
| COIL \varnothing 75 mm | OEM-LF-A907 |