LF Reader R810
(Read only)

iDTRONIC

PROFESSIONAL RFID

The **iDTRONIC Embedded LF Reader R810** is a 125 kHz RFID reader for Read Only type tags. It has an integrated antenna and TTL interface.

The **Reader R810** has a very small form factor (diameter 30 mm) and comes in a sealed plastic housing, filled with epoxy resin.

iDTRONIC's LF Reader R810 supports EM 4200, 4550 Tags, as well as NXP Hitag 1, 2 and S.

Applications

- **Access Control**
- **Production Control**
- **Identification**

Technical Data

Mechanical Specifications

Dimensions:	ø 30 × 8.5 mm
Weight:	ca. 20g

Electrical Specifications

Power Supply:	5 VDC
Antenna:	Integrated
Decoding Time:	Less than 100 ms
Interface:	TTL

Environmental Conditions

Operating Temperature:	−20 °C … 75 °C
Humidity:	5 % to 95 %

Supported Standards / Tags

EM 4200, 4550

NXP Hitag 1, 2, S

Order Code

OEM-LF-R810-TTL