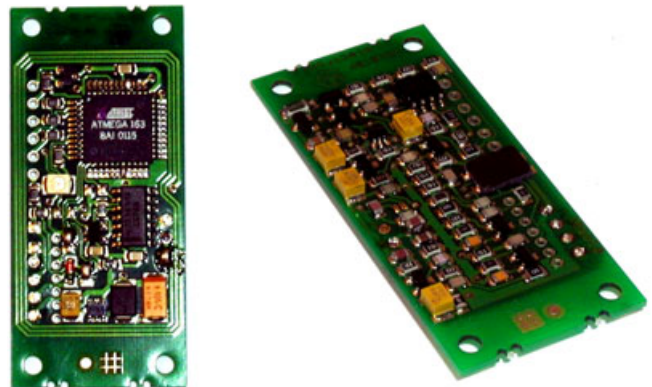


**RDK1 - The 13.56 MHz
read/write kernel**

These flexible RF/ID solutions from deister electronic are designed to allow fast and reliable identification of stationary and moving objects.

logident – a family of read/write units for different types of 13.56 MHz high frequency transponders (e.g. Smart Labels). Especially developed for the harsh environments in production, distribution and logistics.


RDK1

The compact RDK1 reader incorporates an integrated antenna allowing it to be easily fitted into a wide range of devices, including hand-held computers, CE terminals, printers, keyboards and vending machines etc.

Depending on the type of transponder up to 992 user bytes can be stored on the chip, which provides local information about the object being tagged without the need have contact to an online central database.

The RDK1 is ideal for use in mobile data applications where data capture is required for object tracking, service, maintenance and stock-taking etc.

- **Retrofit** to existing hand-held terminals
- **Excellent read range** for its compact size
- **ISO 15693 compatible**
- **External antenna** connection possible
- **Anti-collision** for multiple tag reading
- **Flash programmable reader firmware**

Technical Data

Size of PCB:	55 x 25 x 8 mm
Operating temperature:	+ 5 °C...+70 °C (non-condensing) -20 °C...+70 °C
Storage temperature:	-40 °C...+70 °C
Supply voltage:	5V/DC ... ±5 % < 100 mA
Operating frequency:	13.56 MHz
Read/write range:	up to 60 mm dependent on transponder type and the local environment
Data transmission speed:	26 kBit/s
Writing speed:	< 50 ms per block
Reading speed:	< 50 ms per block
Transponder types:	ISO 15693, I•CODE
Interface:	TTL
Data transmission speed :	9600 Baud, 19200 Baud, 38400 Baud