

Product Datasheet

Datacollector

The iDTRONIC Datacollector is an ISO 15693 contactless reader, which provides full mobility for reading RFID tags. It can be deployed in three configurations:

- tethered reader, connected to a host PC via its USB interface
- wireless reader connected to a host PC or PDA via its Bluetooth interface
- un-tethered reader, collecting and storing data for subsequent upload to the host

It can be deployed as a data logger or as a mobile tag verifier. When logging tags, the Datacollector can store up to 10,000 UIDs for subsequent downloading to a host device. With its excellent anti-collision capabilities, which allow it to read dozens of tags simultaneously, it is particularly well-suited for library applications, such as reading book tags on a shelf. Its advanced antenna design allows particularly long read distances (up to 25cm). The Datacollector includes rechargeable Lithium-ion batteries, which provide for 2.5 hours of continuous usage, or 20 hours standby.

The user interface consists of 4 navigation buttons, 2 scan buttons, one buzzer, two coloured LEDs, and a multi-line LCD display.

Features:

- Programmable by scripts downloaded from the computer
- On-Board non-volatile memory
- Built-in Real-time Clock for time stamping
- User-friendly plug & play and auto-connect features



host

Product specification:

Dimensions:	204 x 78 x 35mm
Weight:	210g
Battery performance:	Lithium-ion
Operating Power:	7.2 V @ 400 mAh (scanning) and 50mA (standby)
Operating time:	Approximately 2.5 hours continuous usage and 20 hours standby
Operating temperature:	0°C - 50°C
Interface:	Bluetooth 1.1 SPP profile USB 2.0 via mini USB-cable
Supported tags:	ISO 15693
Reading range:	Up to 25 cm (based on card size)
Operating frequency:	13.56 MHz
Memory:	Memory capability for 10,000 UID numbers
Features:	Real-time Clock
Order number:	R-HH-DACO