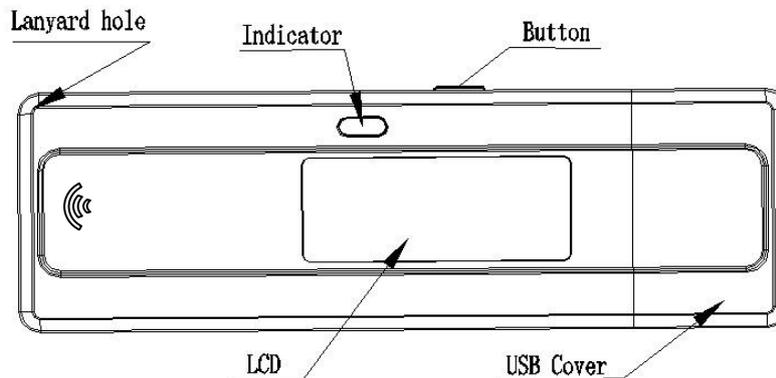


“Mini Reader”

1. Product overview “Mini Reader”.

The Mini Reader is the smaller RFID reader known today. In spite of its very small size the reading range is equal or even greater than other bigger models and more expensive.

This product is mainly used for animal tag ID microchip. It can read any work based on ISO 11784 / 85 protocol animals tags especially the FDX B.



2. Technical parameters

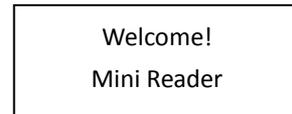
Frequency	134.2KHz
Battery	Li-ion, 3.7VDC, 170mAH
Work Current	< 60mA
IDL Current	< 20mA
Power-down Current	< 10uA
Charging current	< 200mA, @5VDC on USB connector
Charging indication	Red LED in charging. Green LED when complete.
Read Range	\geq 60/70mm
Read indication	Beep、Blue LED、LCD indication
LCD size	1.04", 128×32pix
Dimensions	109×34×14mm

3. Operation

3.1 Power on

Push the button, the “Mini Reader” power on.

The LCD display shows :



3.2 Power off

The “Mini Reader” will auto power off in the absence of any action after 15 seconds except if it is connected to a PC USB port directly or by a cable line.

3.3 Set language

When the “Mini Reader” is power down, push the button more than 3 seconds, in order to enter to setting language mode. The different languages will scroll on the display. Each language will remains 2 seconds. When the language you want to setting, just push the button. Then the reader will use the setting when next power on.

3.4 Charging the battery

Directly connected to PC USB the “Mini Reader” will charging automatically .

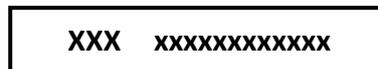
Red light when in charging, green light when charge is complete.

Remark: when the battery LI-Ion is low powered, the key reader may not read any tag or can read in a very short distance.

3.5 Scanning for a animal tag

Push the button. Scan slowly the area where a microchip is expected to be found while keeping the reader for a few centimeter's distance from the animal's skin. The reader will be scanning for about **20** seconds. The blue light flash, the display is black.

If a tag is detected the reader will “beep” and the identification number is displayed as follow:



XXX = country ISO code or manufacturer code (3 figures)

xxxxxxxxxxx = individual identification number, (12 figures).

If no microchip has been found after **20** seconds searching, the following message will be displayed on the screen. The LCD screen will stop displaying the message after about 15 seconds.



If this situation arises, try finding the microchip again. To do so you must re-activate the reader by pressing the button.

Scan the possible microchip implantation area with as large and sweeping movement as possible. If necessary, repeat the operation after having re-activated the reader again.



