Handheld Reader VP5002

V-Scan is the final stage in benefiting from RF animal ID. It combines reliable ISO tag reading with on the spot animal data display and user definable data input. Furthermore V-Scan enables easy interfacing with any PC/PDA software application via both USB and Bluetooth.

- Combines easy and reliable animal identification with user friendly and flexible data management.
- The V-scan is a hand held, battery operated, ISO compliant RF reader with enhanced management features.
- Ergonomic and rugged design, easy to operate with clear audible and visible reading confirmation.
- Easy additional data entry in user definable database.
- Easy data transfer between V-scan and any PC software via USB or Bluetooth.
- Seamless interface with Nedap Velos Livestock Management System.

Specifications

Nedap product identification: VP5002, V-Scan ISO Hand Held Reader

Physical

Size (LxWxH)	: 330 x 50 x 40 mm (13" x 1 15/16" x 1 9/16")
Weight	: 0,535 kg (1 lb. 3 oz.)
Display	: LCD with back light, 6 rows of 16 positions
Keyboard	: Numeric + Menu control keys

Environment

Operating Temperature	: -10 - +50 °C (14 °F - 122 °F)
Storage Temperature	: -25 - +50 °C (-13 °F - 122 °F)
Relative Humidity	: 30 - 100 %
Protection Classification	: IP65

Reliability

MTBF	: 200.000 hours
Expected Life	: 5 years, minimum

RFID

Technology	: ISO 11784
	: ISO 11785 FDX and HDX
Synchronization	: ISO 11985 Annex C compliant
Reading Distance	: > 20 cm (7 7/8") (depending on label)
Reading Speed	: < 70 msec
Reading Confirmation	: Audible and visible signal
Certifications	: CE, IC, FCC

Data

Clock	: Real time clock for reading time stamp
Communication	: USB 2.0 and bluetooth (min. 5 m)
Format	: ASCII
Memory	: 1MByte static memory (= 10.000 animals)

Power

Power source	: 4 x AA (penlight) rechargeable, 1.2 V, 2600 mAh/
NiMH	
Stand-by	: 50 Days
In action scanning tags	: > 2 hours equals +/- 5000 readings
Charging Time	: Approx. 3 - 4 hours
Charger	: 230/110V AC – 12V DC/1A
Other Features	: Additional manual data entry
	: Easy interfacing with any PC
Software Package	
	: Environmental RF noise analysis tool
Accessoiries	: Battery charger 230/110V AC / 12 DC / 1A
	: USB cable
	: Quick starting guide
	: Software package

Specifications are subject to change without prior notice

nedap
technology that matters

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Led + audible indicator
Flashes while scanning; burns/beeps when tag is read

Display
The header, displays the name of the active screen and icons providing information about batteries and external communication. The footer, displays the function of the soft keys. The center part of the screen displays tag number, animal data or menus.

Numeric keys
Editing of a numeric value.

Up/Down key
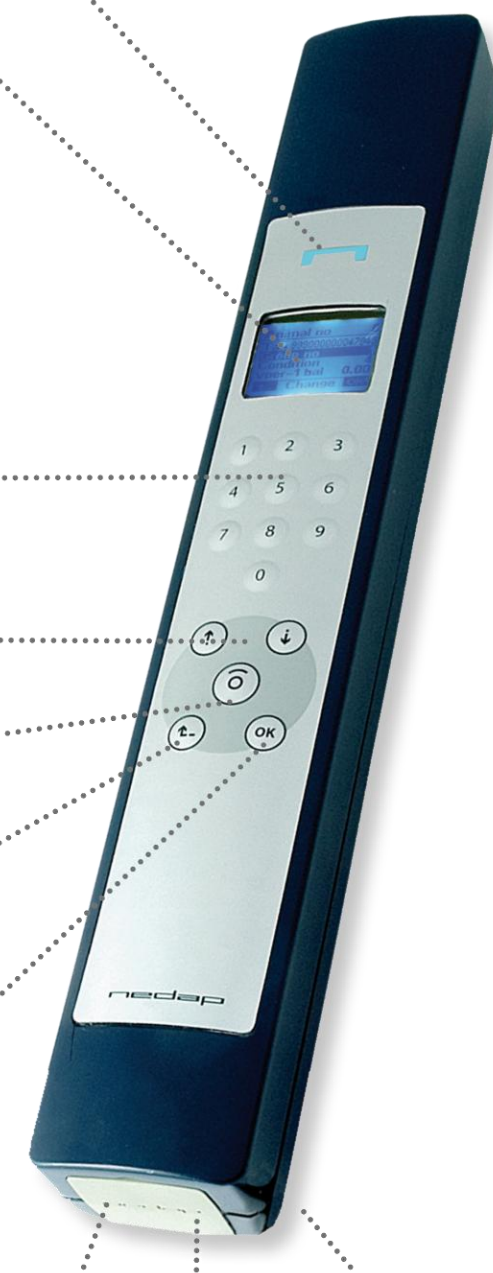Selecting in a menu

Scan key
Switching on the V-Scan
Start scanning

Back key
Back/Decline. Variable function indicated by soft key in footer.

Ok key
Select/Accept. The variable function indicated by soft key in footer.

Power   **USB**   **Bluetooth**