**RFO-LF
AML-ST250**

**LF Animal Stick
RFID-Reader**

DATA SHEET

Product Description	RFO-LF AML-ST250

The new RFO-LF AML-ST250 is the most economic ISO11785 stickreader. It combines all important features in an ergonomic and robust housing at very reasonable costs. With a large colour display and a convenient keypad, it is very easy to use.

The different lights, sounds and vibration give clear signals about the current operation. The RFO-LF AML-ST250 offers USB and Bluetooth Class1 as standard interfaces. The revolutionary magnetic plug makes USB communication easier than ever.

Highlights:
- The housing combines light weight and robustness with an ergonomic design
- A powerful Li-Ion battery offers long operation and standby time
- The large memory allows the storage of 100.000 records in groups.
- Date and time from the built-in real-time clock are displayed and stored
- The large backlit colour display allows convenient reading of IDs and additional data after scanning
- integrated USB interface for wired, and a Class 1 Bluetooth module for wireless, communication
- unique BI-DIRECTIONAL Mode for wireless communication with smartphones and other Bluetooth devices

Technical Specification	
Operating Frequency	134.2 kHz
Transponder types	HDX and FDX-B compliant according to ISO11784/11785
Read range	Approx. 25 cm with HDX & FDX transponder of Ø 30 mm
Interfaces	USB (Virtual Comport or Mass Storage Device) Class 1 Bluetooth module v4.1 Dual Mode: Classic (SPP, HID), BLE
Synchronization	Wireless Synchronization allows the operation with other readers in close vicinity according to ISO24631-2
Memory	8 GB (100.000 records) 25 Tasks with 10.000 records each
Power supply	Integrated Li-Ion battery 3.4 Ah (12.6 Wh) Internal charging via USB in max. 4h with our supplied PSU
Display	2.4" TFT (65K colours)
Keypad	7 button directional pad incl. "OK" button and two softkeys
Signals	2 Status LEDs above the display Audio Speaker, Vibrating motor
Operating Temp. / Storage Temp.	-20° to 60°C, -4° to 140° F

Charging Temp.	0° to 45°C, 32° to 113° Fahrenheit
Dimensions (LxWxH)	650 x 85 x 42 mm
Weight	Approx. 620 g

Accessories (optional)

USB Car Charger	USB Power Supply	Hard-Top Case

Article no:

Article no:	RFO-LF AML-ST250

Typical Applications

Animal	Retail	Veterinary