RADIOFORCE

RFO-LF AML-ST300

LF Animal Stick RFID-Reader

Product Description	RFO-LF AML-ST250

The new RFO-LF AML-ST300 represents the next generation of ISO 11785 RFID stick readers and combines great reading range with an outstanding long operation time and smart features. The 8 GB memory, a large colour display and a convenient keypad makes it easy to operate. The strong housing is light weight but robust and ergonomic.

Different lights, sounds and a vibrator give clear signals about the current operation even in noisy environment.
The variety of interfaces is unique – they offer great advantages at multidevice operations. The RFO-LF AML-ST300 provides USB, RS232, Bluetooth and a WLAN interface.

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 of allows the storage of 1.000.000 records in groups
- In the TASK mode custom data fields can be populated with information in a sequence to record an animal management event, e. g. birth, weighing, vaccination, movement
- integrated dynamic DATABASE function can be downloaded to the reader memory and can be displayed/edited during operation
- The large backlit colour display allows convenient reading of IDs and additional data after scanning
- integrated USB and RS232 interface for wired and Bluetooth/WLAN interfaces 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) RS232 (Baud rate 9.600 to 115.200) Class 1 Bluetooth module v4.0 Dual Mode: Classic (SPP, HID), BLE WLAN 802.11: b/g/n up to 72.2 Mbps 802.11 Security: WPA2 Personal, STA (Station Mode) or Soft AP TCP or UDP protocol
Synchronization	Wireless Synchronization allows the operation with other readers in close vicinity according to ISO24631-2
Memory	8 GB (1.000.000 records) 25 Tasks with 10.000 records each Database with 50 information for 10.000 datasets

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Power supply	Li-Ion battery pack of 2.6 Ah (18.8 Wh) Internal charging in max. 3h with external power supply
Display	2.4" TFT (65K colours)
Keypad	7 button directional pad incl. "OK" button and two softkeys
Signals	Multi-coloured read LED at tip 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. 720 g
Accessories (optional)	

Lithium Ion Battery Pack 2.6 Ah

RS232 Serial Cable

Hard-Top Case

Product Picture

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Typical Applications	
Animal Retail Veterinary	