



## APR450 Handheld Reader

Allflex APR450 Handheld Readers are compact and easy to use rugged portable RFID scanning devices for reading livestock electronic identification (EID) tags. Providing full reader functionality, extensive EID code storage, advanced management capabilities and unique connectivity options, these readers deliver exceptional functionality and value .

- **Advanced management** - Support for full animal event management, with a large memory capacity of up to 1 million records in groups. The readers have an excellent reading range for HDX and FDX-B and can record actions and information associated with the ID from preset lists. Users can add and manage data using the full alphanumeric keyboard. Data upload and download is easy, and data can be exported to Excel or management software.
- **Superior connectivity** - Bluetooth and USB interfaces, are included as standard, and a revolutionary magnetic plug makes USB connection for transmission and battery charging simple and quick. Unmatched online mode and connectivity with iPhone and Android apps allow bi-directional wireless data communication and mobile data management.
- **Easy and reliable** - Fully integrated SO11784/11875 RFID readers that are small, lightweight and ergonomic, and have a durable IP67 casing. The reading process is easily controlled, even in noisy environments, with the help of two LED indicators, a vibrating motor, and loud, operation-specific sounds. The integrated Li-Ion battery lasts for many days of work and even in continuous read mode works for up to six hours.



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## Technical Specifications

Frequency	134.2 kHz
Transponder types	HDX compatible (ISO 11784/5) FDX-B compatible (ISO 11784/5)
Read range	25 cm with HDX transponder (Ø 30 mm) 25 cm with FDX-B Transponder (Ø 30 mm)
Synchronization	Wireless Synchronization allows the operation with other readers in close vicinity according to ISO24631-2
Interfaces	USB (Virtual Comport or Mass Storage Device) Plug for external antenna Class 1 Bluetooth module v4.1 Dual Mode: Classic (SPP, iAP, HID), BLE
Memory	8 GB (1.000.000 records) 25 Tasks with 10.000 records each Database with 50 information for 10.000 datasets
Power supply	Integrated Li-Ion Battery 3.4 Ah (12.2 Wh) Internal charging via USB in max. 4h with supplied PSU
Display	2.4" TFT (65K colours)
Keypad	19 buttons for alphanumeric input incl. directional pad, "OK" button and two softkeys
Signals	2 Status LEDs above the display audio speaker, vibrating motor
Operating temperature	-20° to 50°C, -4° to 122° Fahrenheit
Storage temperature	-20° to 60°C, -4° to 140° Fahrenheit
Charging temperature	0° to 45°C, 32° to 113° Fahrenheit
Protection level	IP67
Dimensions	L x W x H: 190 x 98 x 40 mm
Weight	<i>approx. 300 g</i>

For more information visit  
[www.allflex.global/allflex-apr-450](http://www.allflex.global/allflex-apr-450)



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