



Allflex

## APR650 Handheld Reader

Allflex APR650 Handheld Readers offer a unique combination of an electronic identification (EID) reader with a powerful barcode engine, providing fast and reliable reading of EID tags and related barcodes, such as on a tissue sampling probe or drug bottle. Offering advanced, comprehensive capabilities and multiple connectivity options, including WLAN these compact readers deliver unmatched value.

- **Advanced management** - Support for full animal event management, with a large memory capacity of up to 1 million records in groups. The reader has an excellent reading range for HDX and FDX-B, can record actions and information associated with the ID from preset lists, and can also read barcodes, enabling easy connection with other data such as tissue sampling and drug dosing records. Users can add and manage data using the full alphanumeric keyboard, with easy visibility via the large, backlit, color display. The integrated database provides offline access in the field to historical data for up to 100,000 animals. Data upload and download is easy, and data can be exported to Excel or management software.
- **Superior connectivity** - Unique WLAN connectivity, as well as Bluetooth and USB interfaces are included as standard, and a revolutionary magnetic plug makes USB connection for transmission and battery charging simple and quick. Unique online mode and connectivity with iPhone and Android apps allow bi-directional wireless data communication and mobile data management.
- **Easy and reliable** - A fully integrated ISO11784/11875 RFID reader that is small, lightweight and ergonomic and has 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.



# Allflex APR650 Handheld Reader

## 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)
Barcode Reader	High Performance Scan Engine (CMOS 1.2 Megapixel monochrome)
Synchronization	Wireless Synchronization
Interfaces	USB (Virtual Comport or Mass Storage Device) Plug for external antenna Class 1 Bluetooth module v4.1 Dual Mode: Classic (SPP, HID), BLE WLAN 802.11: b/g/n up to 72.2 Mbps 802.11 Security: WPA2/WPA Personal, STA (Station Mode) or Soft AP TCP or UDP protocol
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 (12.6 Wh) Internal charging via USB in max. 4 hours with Allflex 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 60°C, -4° to 140° 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	approx. 300 g

## About Allflex

Allflex is the global leader in animal identification. Each year, over half a billion animals are identified using our visual and electronic identification solutions. These include cattle, sheep, swine, fish, goats, deer, alpacas, camels, zoo animals and a wide range of wildlife species. Our Tissue Sampling Units (TSU) and auxiliary solutions are used for animal tracing and other advanced applications.

Identification is the basis for individual animal management. Today it is also a cornerstone in official identification and in animal and food traceability, key to meeting consumers' growing interest in knowing the origin of their food products. Animal identification is also essential in allowing farmers to differentiate themselves based on good management, animal welfare, health and nutrition.

The evolution of this field has largely been driven by more than 60 years of Allflex development and experience. Today, Allflex continues to lead in technology innovation, product design, manufacturing processes, and customer service.

Through its commitment to The Science of Healthier Animals®, Merck Animal Health offers veterinarians, farmers, pet owners and governments one of the widest ranges of veterinary pharmaceuticals, vaccines and health management solutions and services as well as an extensive suite of connected technology. Allflex is part of Merck Animal Health's Technology Solutions portfolio.

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