

APR250 – The economic choice Animal EID made easy

The all new APR250 ISO11784/11785 RFID Handheld Reader is the perfect partner for the identification of EID tags and data transfer with USB and Bluetooth.

With a large Colour display, a directional keypad and an ergonomic but robust housing it is the right tool for everyday

work on the farm. The new magnetic USB connection makes data transmission and charging easier than ever.

The bi-directional wireless data communication offers unique possibilities in combination with smartphones and other Bluetooth devices.



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Advantages of the APR250

The APR250 is a fully integrated ISO11784/11875 RFID reader with a very good reading range for both HDX and FDX-B and a long operation time. It is not just a powerful EID Reader. Its ergonomic and robust IP 67 housing in combination with the low weight offers an easy and convenient day long work. The integrated Li-Ion battery lasts for many days of work. Even in continuous read mode the battery charge will last for up to 6 hours. Recharging via the USB Port is simple and quick with the unique magnetic coupling.

For the data collection it offers various options via keypad and interfaces:

- 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. The tasks can consist of an EID scan, editable selection lists (e.g. medicines), time stamps, numeric and alphanumeric data input and a weight imported from a scale. The TASK can also consist of loops for repeatable data collection (e.g. at lambing).
- With the **WEIGHT FROM SCALE Function**, weight data can be imported from all major brands of scales via Bluetooth and it can be recorded in combination with the Animal ID in TASKs.
- The **CONTINUOUS READ Mode** enables fast reading and data collection for batches of animals at a time.
- The free AgriLink Software provided with the APR250 makes the upload of Link lists (VID, Alert) and the Download of the collected data very easy. AgriLink can export the data in Excel Format as well.
- For convenient power management the APR250 can be recharged from any USB power source.
- The APR250 offers the unique **BI-DIRECTIONAL Mode** for wireless communication with Smartphones (Bluetooth) and other Bluetooth devices. It uses the functionality of a smartphone application via the display and keyboard of the APR250. It enables a one-device operation with remote data transfer.

Technical Data of the APR250

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) Class 1 Bluetooth module v4.1 Dual Mode: Classic (SPP, HID), BLE
Memory	8 GB (100.000 records) 25 Tasks with 10.000 records each
Power supply	Integrated Li-Ion Battery 3.4 Ah (12.2 Wh) Internal charging via USB in max. 4h with Agrident 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, Vibration motor
Operating Temp.	-20° to 60°C, -4° to 140° Fahrenheit
Storage Temp.	-20° to 60°C, -4° to 140° Fahrenheit
Charging Temp.	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. 270 g