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Advantages of AWR250

- It reads all types of HDX and FDX-B transponders, ear tags and bolus compatible to the ISO standard 11784/5.
- The IP65 housing combines light weight and robustness with an ergonomic design.
- A powerful Li-Ion battery offers long operation and standby time. For convenient power management the AWR250 can be recharged at any USB Power supply. The power consuming continuous read mode for very fast reading (e. g. at loading or unloading of animals) can last for about 6 hours. At the normal push and read mode the battery will last for days.
- 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.
- 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).
- The large backlit colour display allows convenient reading of IDs and additional data after scanning. Two additional LEDs and a vibrating motor provide an easy control of the reading process even in a noisy environment. A loudspeaker allows a wide variation of sounds for different operation.
- The AWR250 has an integrated USB interface for wired, and a Class 1 Bluetooth module for wireless, communication. USB uses a magnetic plug for convenient connection. The AWR250 connects with Android and iOS Apps for easy data management on smartphones and with major brands of scales for the recording of the weight.
- The free AgriLink Software provided with the AWR250 makes the upload of Link lists (VID, Alarm) and the Download of the collected data very easy. AgriLink can export the data in Excel Format as well.
- The AWR250 offers the unique BI-DIRECTIONAL Mode for wireless communication with smartphones and other Bluetooth devices. It uses the functionality of a smartphone or network application via the display and keypad of the AWR250. It enables a one-device operation with remote data transfer.

Technical Data of AWR250

Frequency	134.2 kHz
Transponder types	HDX compatible (ISO 11784/11785) FDX-B compatible (ISO 11784/11785)
Read range	Approx. 25 cm with HDX transponder of Ø 30 mm Approx. 25 cm with FDX-B Transponder of 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 (12.6 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, Vibrating 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	IP65
Dimensions	L x W x H: 650 x 85 x 42 mm
Weight	Approx. 620 g