



## AWR100/200 Stick reader – power in your hand

The powerful portable stick reader AWR100/200 from Agrident is developed for use in harsh environment, for example in feedlots, auction barns and abattoirs. It is fully ISO 11784/5 compliant and with its very rugged IP67 design it is the right portable RFID reader for the daily work under extreme conditions.

The AWR100/200 offers some unique features like the dual power mode, the additional read LED at the tip and a bi-directional communication via Bluetooth.

The AWR200 has an additional Class 1 Bluetooth interface for wireless communication.

## Advantages of the AWR100/200

- High reading range for all type of HDX and FDX-B transponders, ear tags and boli compatible to ISO standard 11784/5.
- Unique Dual Power mode offers a leading read range in high power mode while in low power mode the operation time is up to three times longer.
- Permanent read mode with animal counter for situation where very fast reading is required, e.g. at loading or unloading of animals.
- Non-volatile memory allows storage of 5000 tags plus time-stamp. The memory can be arranged in groups. Built-in real-time clock displays date and time
- Unique Read LED on the tip for the easy control of the reading process while the horizontally placed 2 line LCD allows convenient reading of the ID after scanning
- Perfectly balanced weight guarantees highest operating comfort.
- Rugged IP67 protected casing with high temperature stability and impact resistance
- Modular design for use of add-on communication interfaces such as Class A Bluetooth Module ABE100,
- The AWR200 includes an Class 1 Bluetooth module for wireless communication up to 250 m.
- With the bi-directional Bluetooth function data can be sent back from a PDA or Notebook and be indicated on the display of the AWR200
- For convenient power management the APS200 fast charger for the batteries and a car adaptor are available



AWR200 with components

## Technical Data of the AWR100/200

<b>Frequency</b>	134,2 KHz
<b>Transponder types</b>	HDX compatible (ISO 11784/5) FDX-B compatible (ISO 11784/5)
<b>Reading range</b>	Up to 40 cm (15,75") with HDX Eartag Ø 30 mm transponders  Up to 32 cm (12,5") with FDX-B Eartag Ø 30 mm transponders  Dependent on Eartag and selected power mode
<b>Interfaces</b>	AWR100 with RS232  AWR200 with additional ABE100 module Bluetooth Class A
<b>Power supply</b>	Powered with NiMH battery pack 9,6V/900mAh, optional via RS232 cable
<b>Battery recharge</b>	Battery pack inside unit – 16 hours via RS232 cable  Battery pack in separate fast charging station – 2 hours
<b>Temperature</b>	Operating: -20 to 50°C Storage: -20 to 80°C
<b>Protection level</b>	IP67
<b>Weight</b>	Approx. 700g for basic module (without battery)
<b>Approvals</b>	CE, FCC part 15 class A, Canada Industry Standard, CCIA, JRC

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