



## ■ 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 optimal 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 up to 100 m.



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## Advantages of AWR100/200

- Great 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 for recording of 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. One of the strongest readers on the market.
- The AWR200 includes a Class 1 Bluetooth module for wireless communication up to 100 m. It can be configured for either Slave or Master mode.
- 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.
- Mobile printers with RS232 or Bluetooth can be connected for customised prints of IDs.
- AWR100/200 can be connected to electronic scales like TruTest, ICONIX or Gallagher.

## Technical Data of 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 Ear tag Ø 30 mm transponders  Up to 32 cm (12,5") with FDX-B Ear tag Ø 30 mm transponders  Dependent on Ear tag and selected power mode
<b>Interfaces</b>	AWR100 with RS232  AWR200 with additional Bluetooth Class 1, Master or Slave mode
<b>Power supply</b>	Powered with NiMH battery pack 9,6 V/900 mAh, optional via RS232 cable
<b>Battery recharge</b>	internal via RS232 cable Battery pack in separate fast charging station – 3 hours 12 V Car adaptor available
<b>Temperature</b>	Operating: -20 to 50°C Storage: -20 to 80°C
<b>Protection level</b>	IP67
<b>Dimensions (LxWxH)</b>	630 x 90 x 90 mm
<b>Weight</b>	Approx. 700g for basic module (without battery)
<b>Approvals</b>	CE, FCC part 15 class A, Canada Industry Standard, JRC, CCIA

## Accessories for AWR100/200

- ARB100 Battery
- ACC100 Car Adaptor
- APS200 Fast charger
- ATB100 Transport box