



## ■ 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 IP 67 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.



Agrident GmbH  
Steinklappenstraße 10  
D-30890 Barsinghausen  
Phone: +49 (0) 51 05-58 25 73-10  
Fax: +49 (0) 51 05-58 25 73-17  
E-Mail: mail@agrident.com  
Internet: www.agrident.com

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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.
- A look-up table can be uploaded to show the visual ID or farm number in addition to the transponder ID.
- The 250 item ALERT list allows to assign animal IDs to editable events like movement, treatment, separation, etc. The assigned ALERT will pop up 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.
- The AWR200 can connect to Agrident's Android App in order to download the collected data and to stream and store live data on a smartphone.
- 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, TePari or Gallagher..

## Technical Data of AWR100/200

Frequency	134,2 kHz
Transponder types	HDX compatible (ISO 11784/5) FDX-B compatible (ISO 11784/5)
Reading range	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
Interfaces	AWR100 with RS232  AWR200 with additional Bluetooth Class 1, Master or Slave mode
Power supply	Powered with NiMH battery pack 9,6 V/750 mAh, optional via RS232 cable
Battery recharge	internal via RS232 cable Battery pack in separate fast charging station – 3 hours 12 V Car adaptor available
Temperature	Operating: -20 °C to 50 °C Storage: -20 °C to 80 °C
Protection level	IP 67
Dimensions (LxWxH)	630 x 90 x 90 mm
Weight	Approx. 700g for basic module (without battery)
Approvals	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