



Portable Stickreader AWR100/200

The New Reader for Mobile Application. The new portable stick reader AWR100/200 from Agrident is developed for use in harsh environment, for example in feedlots, auction barns and abattoirs. The ISO 11784/5 fully compliant stick reader is a rugged hand-held RFID reader that works under extreme conditions.

Its IP67 protected housing allows accidental drops onto concrete. The high power mode offers the best read range in its class, the low power function is an energy saver and allows longer operating hours. The AWR200 has an additional Bluetooth interface for wireless communication.

Features of the AWR100/200

- Fully compliant to ISO standard 11784/5
- Reads HDX and FDX-B transponders
- Non-volatile memory allows storage of 5000 tags plus time-stamp
- Two Power modes
 - Low power mode functions as energy saver for extra long operating hours
 - High power mode provides best read range in class
- LED Beam at tip of the stickreader indicates read status
 - Red: reading
 - Green: successful read
- Built-in real-time clock displays date (day, month and year) and time
- Horizontally placed LCD allows ID reading while scanning
- Low weight guarantees highest operator comfort
- Rugged IP67 protected casing with high temperature stability and impact resistance
- Modular design for use of add-on communication interfaces such as the Class 1 Bluetooth Module ABE100
- The AWR200 includes the Bluetooth module for wireless communication
- APS200 fast charger for the batteries and a car adaptor available



AWR200 with components

Technical Data of the 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 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
Interfaces	Basic module with RS232 AWR200 and ABE100 module with Bluetooth Class 1 up to 250 meters
Power supply	Powered with NiMH battery pack 9,6V/1000mAh, optional via RS232 cable
Battery recharge	Battery pack inside unit – 16 hours via RS232 cable Battery pack in separate fast charging station – 2 hours
Temperature	Operating: -20 to 50°C Storage: -20 to 80°C
Protection level	IP67
Weight	Approx. 700g for basic module (without battery)

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