



Allflex Livestock Intelligence

AWR300 Stick Reader



Allflex Livestock Intelligence Stick Readers are high-performance mobile devices for fast reading of high volumes of electronic identification (EID) tags. Ideal for larger groups and herds of animals, our Stick Readers provide outstanding reading performance, combined with long-lasting batteries, robust design, unique data collection features, and extended connectivity options.

The Allflex AWR300 Stick Reader is an advanced, yet easy to use solution for quickly and reliably reading the electronic identification (EID) tags of large numbers of animals, and for managing animal events.

- **Robust design and performance** – A lightweight, yet strong device, with ergonomic IP67-rated housing, and a large memory that stores up to 1,000,000 records in groups. Energy-optimized reader technology and powerful Lithium-ion batteries fuel outstanding long operation time of up to several days depending on the read mode being used.
- **Smart and connected** – Comprehensive reading capabilities for ear tags and bolus. Connectivity with USB and serial interfaces for wired communication, and Bluetooth and WLAN interfaces for wireless operations. Unique on-line mode enables smartphone and network operation for mobile data management.
- **Easy to use** – The large, backlit, color display enables efficient display of identification and other data. The reading process is easily controlled, even in noisy environments, with the help of a multi-color LED read process indicator at the tip and two additional LED indicators, a vibrating motor, and loud, operation-specific sounds.



Livestock Intelligence™

MSD Animal Health Intelligence

Allflex AWR300 Stick Reader

Technical Specifications

Frequency	134.2 kHz
Transponder types	HDX and FDX-B compatible (ISO 11784 / 11785)
Read range	Approximately 25 cm / 9.84 in with an HDX or FDX-B transponder of ø 30 mm / 1.18 in
Synchronization	Wireless synchronization allows operation with other readers in close vicinity according to ISO24631-2
Interfaces	USB (virtual COM port or mass storage device) RS232 (Baud rate 9.600 to 115.200) Class 1 Bluetooth module v4.0 Dual mode: Classic SPP, iAP, HID, BLE WLAN 802.11: b/g/n up to 72.2 Mbps 802.11 Security: WPA2 Personal STA (station mode) or Soft AP TCP or UDP protocol
Memory	8 GB (1,000,000 records) Up to 25 tasks with 10,000 records each Database with 50 information fields for 10,000 datasets
Power supply	Li-ion battery pack of 3.18Ah (22.9Wh) Internal charging in max. 3 hours with external power supply
Display	61 mm / 2.4 in TFT (65K colors)
Keypad	7 button directional pad, incl. "OK" button and two softkeys
Signals	Multi-colored LED read process indicator at the tip 2 status LEDs above the display Audio speaker Vibrating motor
Operating temperature	-20° to 60°C, -4° to 140° Fahrenheit
Storage temperature	-20° to 60°C, -4° to 140° Fahrenheit
Charging temperature	0° to 45°C, 32° to 113° Fahrenheit
Protection level	IP65 water resistant
Dimensions	L x W x H: 650 mm x 85 mm x 42 mm / 25.6 in x 3.3 in x 1.6 in
Weight	≈ 620 gr / 21.87 oz

About Allflex Livestock Intelligence

Allflex Livestock Intelligence is the world leader in the design, development, manufacturing and delivery of solutions for animal identification, monitoring and traceability. Our data-driven solutions are used by farmers, companies and countries to manage hundreds of millions of animals worldwide. By putting intelligent, actionable management information into farmers' hands, our solutions empower them to act in a timely manner to safeguard their animals' health and wellbeing, while achieving optimal production outcomes for a healthy food supply. Allflex Livestock Intelligence is a livestock portfolio of digital products within MSD Animal Health.

Through its commitment to the Science of Healthier Animals®, MSD Animal Health offers veterinarians, farmers, pet owners and governments one of the widest ranges of veterinary pharmaceuticals, vaccines and health management solutions and services as well as an extensive suite of digitally connected identification, traceability and monitoring products. MSD Animal Health is dedicated to preserving and improving the health, wellbeing and performance of animals and the people who care for them.

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